

Hose

Thermoplastic
Fluoropolymer



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For detailed ordering information, please consult price list or contact Parflex® Division.

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For detailed ordering information, please consult price list or contact Parflex® Division.



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Hose

B
Tubing

C
Coiled Air Hose
& Fittings

D
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E
Fittings

F
Tooling, Equipment
& Accessories

G
General Technical

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For detailed ordering information, please consult price list or contact Parflex® Division.

Parflex Hose Visual Index (cont.)

| | | | | |
|---|---|--|---|---|
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|  A-33 HYBRID |  A-60 |  A-30 HYBRID |  A-31 HYBRID | |
| M8 High Pressure Hydraulic | MSH Marine Steering | PTH Marine Power Tilt | R6 Constant Pressure Hydraulic | |
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For detailed ordering information, please consult price list or contact Parflex® Division.



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 C Coiled Air Hose & Fittings
 D Transportation
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 F Tooling, Equipment & Accessories
 G General Technical

Parflex Hose Visual Index (cont.)

| | | | |
|---|---|--|---|
| PAGE Product Line PTFE & Specialty | S30 Industrial .030 wall with SS Braid | S30B Conductive Industrial .030 wal twith SS Braid | S40 Heavy Wall .040 with SS Braid |
| |  A-78 |  A-78 |  A-79 |
| S40B Conductive Heavy Wall .040 with SS Braid | STW "True-Bore" with SS Braid | STB Conductive "True-Bore" with SS Braid | SBFW PAGE-flex® SBF |
|  A-79 |  A-80 |  A-80 |  A-81 |
| SBFB Conductive PAGE-flex® SBF | SCW Convolutd with SS Braid | SCB Conductive Convolutd with SS Braid | PCW Convolutd with PP Braid |
|  A-81 |  A-82 |  A-82 |  A-83 |
| PCB Conductive Convolutd with PP Braid | SCWV Heavy Wall Convolutd with SS Braid | SCBV Conductive Heavy Wall Convolutd with SS Braid | PCWV Heavy Wall Convolutd with PP Braid |
|  A-83 |  A-84 |  A-84 |  A-85 |
| PCBV Conductive Heavy Wall Convolutd PP Braid | SCWV-FS Flare-Seal® with SS Braid | SCBV-FS Conductive Flare-Seal® with SS Braid | PCWV-FS Flare-Seal® with PP Braid |
|  A-85 |  A-86 |  A-86 |  A-87 |
| PCBV-FS Conductive Flare-Seal® with PP Braid | RCTW EPDM Rubber Covered Natural | RCTB EPDM Rubber Covered Conductive | |
|  A-87 |  A-88 |  A-88 | |

Understanding Parflex Hoses

Parflex hoses are designed to handle extremes. They are used in some of the harshest applications around, such as over-the-sheave or aerial lift because they are specifically designed to handle extreme abrasion, temperatures, flexing, impulse and other factors that cause many hoses to fail.

Hydraulic & Pneumatic Hose Selection

Parflex offers several lines of hydraulic and pneumatic hoses; General Hydraulic, Specialty and Hybrid hoses. Specialty hoses were designed to solve specific application problems. Hybrid Hoses belong specifically to Parflex, with no exact competitor equivalents. These hoses were developed to cross typical SAE boundaries and meet specific challenges our customers were bringing to us.

The visual index and hose pages indicate which hoses are Hybrid designs.

Review the STAMPED guide (Size, Temperature, Media, Application, Pressure, End Configuration, and Delivery Preferences) on page 11 to help narrow your search for the desired product.

Fluoropolymer Selection

Parflex offers two lines of Fluoropolymer Hoses; the traditional Parflex PTFE hoses, many that meet 100R14 standards, and the PAGE hose line, comprised of specialty braid and construction options.

Hoses in PAGE product line are manufactured with materials that are compliant to the following standards:

- FDA 21 CFR 177.1550 and 177.2600
- USP Class VI
- Pharmacopoeia 3.1.9
- ISO 10093, Sections 5, 6 10 and 11
- USDA Standards
- 3A Standards

The visual index and hose pages indicate which hoses are from the PAGE product line.

Hose Assemblies

To determine hose part numbers for assemblies use the following nomenclature pages:

- Parflex Thermoplastic Hose Assembly Nomenclature pg. A-18
- Parflex PTFE Hose Assembly Nomenclature pg. A-19
- PAGE Product Line - Industrial S30 & S40 Hose Assembly Nomenclature pg. A-20
- PAGE Product Line - "True-Bore" & Convuluted Hose Assembly Nomenclature pg. A-21

For detailed ordering information, please consult price list or contact Parflex® Division.

How to Read the Hose Section

| 1 Part Number | 2 Nominal I.D. | | 3 Maximum O.D. | | 4 Maximum Working Pressure | | 5 Minimum Bend Radius | | 6 Weight | | 7 Permanent Fitting Series |
|------------------|-------------------|----|-------------------|----|-------------------------------|----------|--------------------------|----|-------------|----------|-------------------------------|
| # | | | | | | | | | | | |
| | inch | mm | inch | mm | psi/73°F | bar/23°C | inch | mm | lbs./ft. | kg./mtr. | |
| D604 | 1/4 | 6 | .51 | 13 | 3,000 | 20.7 | 2.00 | 51 | .12 | .18 | 43/HY |

Base part number example.

NOTE: The primary dimensions are in black. The metric/inch equivalents appear in blue.

1 Part Number

Hose Series Part Number - When two part numbers are listed, the second number is the static-dissipative or non-conductive design.

2 Inside Diameter

A critical value along with pressure when calculating fluid flow rate and pressure drop.

3 Outside Diameter

A critical measurement when considering hose fittings and applications where envelope size is limited.

4 Working Pressure

Working pressure rating must meet or exceed the maximum operating pressure of the system including pressure spikes.

5 Minimum Bend Radius

Minimum radius that the hose can be bent. Exceeding the bend radius can cause kinking, inner tube washout, or excessive stress on reinforcement resulting in shortened service life.

6 Weight

Provided where weight is a critical parameter in the design of the system.

7 Approved Fitting

Permanent or field attachable fitting series approved for selected hose. Products with no fitting selection are only available in factory built assemblies.

Hose Constructions

Thermoplastic Hose Construction

1. Core

Contains Media

Materials: Nylon, Polyethylene, Polyurethane, Copolyester

2. Reinforcement

Provides Resistance to Internal Pressure

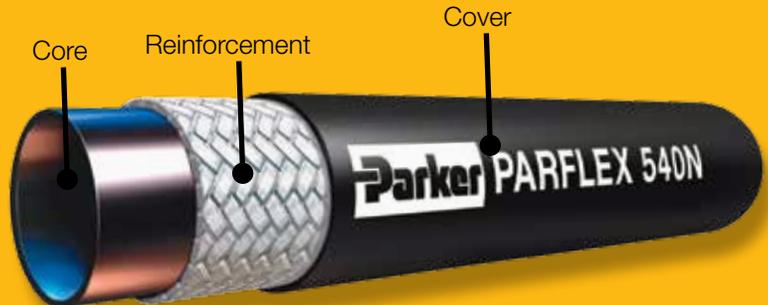
Materials: Fiber (Nylon, Polyester, Aramid), Steel, Stainless Steel

3. Cover

Protects Reinforcement

Advantages: Aesthetics, Color and Marking

Materials: Polyurethane, Nylon, Synthetic Rubber, Copolyester, Polyurethane, Proprietary Blend (PFX)

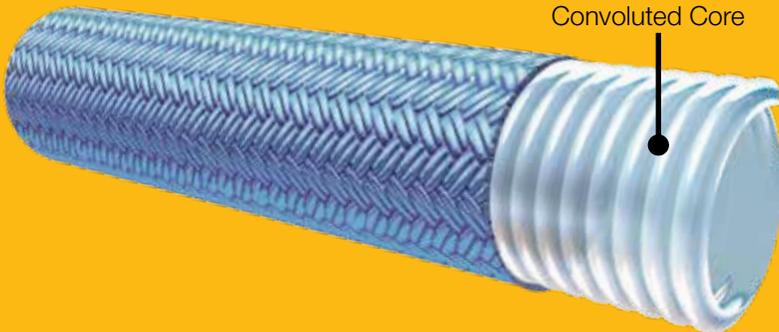


Fluoropolymer Hose Construction

Smoothbore Core



Convuluted Core



1. Core

Contains Media

Materials: PTFE Smoothbore or Convuluted, PFA

2. Reinforcement

Provides Resistance to Internal Pressure

Materials: Steel, Stainless Steel, Polypropylene, Nomex®, Proprietary Composite

3. Cover or Protective Sleeve

Protects Reinforcement

Materials: Silicone, Polyolefin, EPDM Rubber

Nomex® is a registered trademark of Dupont.

For detailed ordering information, please consult price list or contact Parflex® Division.

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd



Thermoplastic Hose Selection

psi

A
Hose

B
Tubing

C
Coiled Air Hose
& Fittings

D
Transportation

E
Fittings

F
Tooling, Equipment
& Accessories

G
General Technical

| Reinforcement Type | | PSI Thermoplastic Hose Working Pressures | | | | | | | | | | | | |
|---------------------------------------|--|--|------|------|-------|------|------|------|------|------|------|-------|-------|--|
| | | 3/32 | 1/8 | 3/16 | 1/4 | 5/16 | 3/8 | 1/2 | 5/8 | 3/4 | 1 | 1 1/4 | 1 1/2 | |
| Dash Size | | -1.5 | -2 | -3 | -4 | -5 | -6 | -8 | -10 | -12 | -16 | -20 | -24 | |
| Hose | Description | psi | psi | psi | psi | psi | psi | psi | psi | psi | psi | psi | psi | |
| Wire | D6/D6R Hybrid - Constant Pressure Hydraulic | | | | 3000 | | 3000 | 3000 | 3000 | 3000 | 3000 | | | |
| | D6R Hybrid - Constant Pressure Hydraulic | | | | 3000 | | 3000 | 3000 | 3000 | 3000 | 3000 | | | |
| | H6 Constrant Pressure Hydraulic | | | | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | | | | |
| | HFS Hybrid - General Hydraulic | | | | 3000 | 3000 | 2500 | 2500 | | 1500 | 1250 | | | |
| | HFSR Hybrid - General Hydraulic | | | | 3000 | 3000 | 2500 | 2500 | | 1500 | 1250 | | | |
| | HFS2 Hybrid - General Hydraulic | | | | 5000 | | 4000 | 3500 | 2750 | 2250 | 2000 | | | |
| | HFS2R Hybrid - General Hydraulic | | | | 5000 | | 4000 | 3500 | 2750 | 2250 | 2000 | | | |
| | R6 Constrant Pressure Hydraulic | | | | 3000 | | 3000 | 3000 | 3000 | 3000 | 3000 | | | |
| | M8 Hybrid - High Pressure Hydraulic | | | | | | 4000 | 4000 | 4000 | | | | | |
| | HTB Hybrid - Compact High Pressure | | | | 7000 | | 5500 | 5000 | 4000 | 4000 | 3500 | | | |
| | HTBR Hybrid - Compact High Pressure | | | | 7000 | | 5500 | 5000 | 4000 | 4000 | 3500 | | | |
| | HJK Hybrid - Jackline | | | | 10000 | | | | | | | | | |
| | 560/560R General Hydraulic | | | 3500 | 3250 | 3000 | 2750 | 2500 | 2000 | 1750 | | | | |
| | 563 Constant Pressure Hydraulic | | | | 3000 | | 3000 | 3000 | | | | | | |
| | 590 General Hydraulic | | | 5000 | 5000 | | 4000 | 3500 | 3000 | 2500 | 2000 | | | |
| 593 General Hydraulic | | | | | | | | | 3000 | 3250 | | | | |
| Fiber | 510A Industrial Refrigerant | | 2500 | 3000 | 2750 | 2500 | 2250 | 2000 | | 1250 | 1000 | | | |
| | 510C General Hydraulic | | 2500 | 3250 | 3000 | 2500 | 2250 | 2250 | | 1250 | 1000 | | | |
| | 518C Non-conductive Hydraulic | | 2500 | 3250 | 3000 | 2500 | 2250 | 2250 | | 1250 | 1000 | | | |
| | 518D Non-conductive Hydraulic | | 3000 | 3250 | 3000 | 2500 | 2250 | 2250 | | 1250 | | | | |
| | 515H Compact/Lightweight Hydraulic | | | 2175 | 2000 | 1750 | 1500 | 1500 | | | | | | |
| | 520N / 528N General Hydraulic / Non-conductive Hydraulic | | | 5000 | 5000 | 4500 | 4000 | 3500 | | | | | | |
| | 526BA Breathing Air Refill | | | 6000 | 6000 | | 6000 | | | | | | | |
| | 527BA Breathing Air Refill | | | 7000 | 7000 | | | | | | | | | |
| | 53DM / 538DM Low Temperature Hydraulic | | | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | | | | |
| | 540N General Hydraulic | | 3000 | 3000 | 2750 | 2500 | 2250 | 2000 | | 1250 | | | | |
| | 540P Specialty Water | | | | 2750 | | 2250 | 2000 | | 1250 | | | | |
| | 55LT Low Temperature Hydraulic | | 3000 | 3250 | 3000 | 2500 | 2250 | 2000 | | 1250 | | | | |
| | 56DH / 568DH Diagnostic | 6000 | 6000 | | | | | | | | | | | |
| | 569 High Pressure | | | | 10000 | | | | | | | | | |
| | 573X Fast Response Hydraulic | | | 3000 | | | | | | | 3000 | | | |
| | 575X Fast Response Hydraulic | | | 5000 | 5000 | | 5000 | 5000 | | 5000 | 5000 | | | |
| | 580N / 588N General Hydraulic / Non-conductive Hydraulic | | | | 5000 | | 4000 | 3500 | 2750 | 2250 | 2000 | | | |
| | H580N General Hydraulic | | | | | | | | | | 3000 | | | |
| | 1035A Power Cleaning | | | | 1500 | 1200 | | | | | | | | |
| | 1035HT Power Cleaning | | | 2000 | 1750 | 1500 | | | | | | | | |
| | 83FR General Purpose Air/Water | | | | 300 | | 300 | 300 | | 300 | | | | |
| | B9 General Purpose Air/Water | | | 250 | 250 | 250 | 250 | 250 | 250 | | | | | |
| | 5CNG Compressed Natural Gas | | | 5000 | 5000 | | 5000 | 5000 | | 5000 | 5000 | | | |
| | HLB Lubrication | | 3000 | 3000 | | | | | | | | | | |
| | MSH Marine Steering | | | | | 1000 | 1000 | | | | | | | |
| PTH Power Tilt | | | | 3000 | | | | | | | | | | |
| S5N Sewer Cleaning - Lateral Cleaning | | | | | | | 4000 | | | | | | | |
| S6 Sewer Cleaning | | | | | | | | | 2500 | 2500 | 2500 | 2500 | | |
| S9 Sewer Cleaning | | | | | | | | | 3000 | 3000 | | | | |
| SLH Sewer Cleaning Leader Hose | | | | | | | 4000 | 4000 | 3000 | 3000 | | | | |
| Duraflex Aerial Lift - Hydraulic Tool | | | | | | | 2250 | | | | | | | |

*View Government & Agency Specifications for exceptions, pg. G-60

Legend

N – Nylon
NP – Neoprene

P – Copolyester
PE – Polyethylene

PFX – Proprietary Mat'l
S – Silicone

R – Rubber
U – Urethane

F – Fiber



For detailed ordering information, please consult price list or contact Parflex® Division.

Construction/Specifications

Hose
A

| PSI Thermoplastic Construction and Specifications | | | | | | | | | Reinforcement Type |
|---|------------------------|----------------|------------------------|---------------------------------------|--------|--|-----------------|--|--------------------|
| Core Tube | Reinforcement Material | Cover Material | SAE Specification | Additional Specifications | Page # | Description | Hose | | |
| P | Wire | R | 100R17 | MSHA IC-40/32 | A-22 | Hybrid - Constant Pressure Hydraulic | D6 | | Wire |
| P | Wire | R | | MSHA/ ISO 11237 | A-23 | Hybrid - Constant Pressure Hydraulic | D6R | | |
| P | Wire | P | 100R17 | | A-28 | Constrant Pressure Hydraulic | H6 | | |
| P | Wire | R | 100R1 / J1942 | MSHA IC-40/32 | A-24 | Hybrid - General Hydraulic | HFS | | |
| P | Wire | R | 100R1 | | A-25 | Hybrid - General Hydraulic | HFSR | | |
| P | Wire | R | 100R2 / 100R16 / J1942 | MSHA IC-40/32 | A-26 | Hybrid - General Hydraulic | HFS2 | | |
| P | Wire | R | 100R16 | MSHA IC-40/32 | A-27 | Hybrid - General Hydraulic | HFS2R | | |
| P | Wire | F | 100R17 | | A-29 | Constrant Pressure Hydraulic | R6 | | |
| P | Wire | R | 100R12 | MSHA IC-40/32 | A-32 | Hybrid - High Pressure Hydraulic | M8 | | |
| P | Wire | R | J1942 | MSHA IC-40/32 | A-30 | Hybrid - Compact High Pressure | HTB | | |
| P | Wire | R | | MSHA IC-40/32 | A-31 | Hybrid - Compact High Pressure | HTBR | | |
| P | Wire | R | - | IJ-100/MSHA | A-33 | Hybrid - Jackline | HJK | | |
| P | Wire | U | 100R1 | MSHA IC-40/32 / DNV | A-34 | General Hydraulic | 560/560R | | |
| P | Wire | U | 100R17 | MSHA IC-40/32 | A-35 | Constant Pressure Hydraulic | 563 | | |
| P | Wire | U | 100R2 / 100R16 | DNV/ABS* | A-36 | General Hydraulic | 590 | | |
| P / N | Wire | U | 100R2 | MSHA IC-40/32/ABS | A-37 | General Hydraulic | 593 | | |
| PFX | Fiber | U | 100R7 | MSHA IC-40/32* | A-38 | Industrial Refrigerant | 510A | | |
| P | Fiber | PFX | 100R7 | MSHA IC-40/32*/DNV | A-39 | General Hydraulic | 510C | | |
| P | Fiber | PFX | 100R7 | DNV | A-40 | Non-conductive Hydraulic | 518C | | |
| N | Fiber | PFX | 100R7 | DNV | A-41 | Non-conductive Hydraulic | 518D | | |
| P | Fiber | U | - | MSHA IC-40/32 | A-42 | Compact/Lightweight Hydraulic | 515H | | |
| N | Fiber | U | 100R8 | MSHA IC-40/32 / DNV* | A-43 | General Hydraulic / Non-conductive Hydraulic | 520N / 528N | | |
| N | Fiber | U | - | CGA / NFPA 1901 | A-44 | Breathing Air Refill | 526BA | | |
| N | Fiber | U | - | CGA / NFPA 1901 | A-45 | Breathing Air Refill | 527BA | | |
| P | Fiber | P | 100R18 | | A-46 | Low Temperature Hydraulic | 53DM / 538DM | | |
| N | Fiber | U | 100R7 | MSHA IC-40/32 / DNV | A-47 | General Hydraulic | 540N | | |
| PE | Fiber | U | 100R7 | FDA | A-48 | Specialty Water | 540P | | |
| P | Fiber | P | 100R7 | | A-49 | Low Temperature Hydraulic | 55LT | | |
| N | Fiber | U | - | MSHA IC-40/32* | A-50 | Diagnostic | 56DH / 568DH | | |
| N | Fiber | U | - | IJ-100 | A-51 | High Pressure | 569 | | |
| N | Fiber | U | - | MSHA IC-40/32 / DNV* | A-52 | Fast Response Hydraulic | 573X | | |
| N | Fiber | U | - | MSHA IC-40/32 / DNV | A-53 | Fast Response Hydraulic | 575X | | |
| N | Fiber | U | 100R8 | MSHA IC-40/32 / DNV* | A-54 | General Hydraulic / Non-conductive | 580N / 588N | | |
| N | Fiber | U | 100R8 | DNV | A-54 | General Hydraulic | H580N | | |
| PFX | Fiber | U | - | | A-56 | Power Cleaning | 1035A | | |
| N | Fiber | U | - | | A-57 | Power Cleaning | 1035HT | | |
| U | Fiber | U | - | MSHA IC-40/32 | A-55 | General Purpose Air/Water | 83FR | | |
| U | Fiber | U | - | | A-58 | General Purpose Air/Water | B9 | | |
| N | Fiber | U | - | ANSI IAS NGV4.2-CSA 12.52 / ECE R110* | A-59 | Compressed Natural Gas | CNG | | |
| P | Fiber | U | - | MSHA IC-40/32 | A-60 | Lubrication | HLB | | |
| N | Fiber | U | - | | A-61 | Marine Steering | MSH | | |
| N | Fiber / SS Wire | U | - | | A-62 | Power Tilt | PTH | | |
| P | Fiber | U | - | Wastec WRP05-1996 | A-63 | Sewer Cleaning - Lateral Cleaning | S5N | | |
| P | Fiber | U | - | Wastec WRP05-1996 | A-64 | Sewer Cleaning | S6 | | |
| P | Fiber | U | - | Wastec WRP05-1996 | A-65 | Sewer Cleaning | S9 | | |
| P | Wire | R | - | | A-66 | Sewer Cleaning Leader Hose | SLH | | |
| N | Fiber | U | 100R7 | | A-67 | Aerial Lift - Hydraulic Tool | Duraflex - 548N | | |

Tubing
B

Coiled Air Hose & Fittings
C

Transportation
D

Fittings
E

Tooling, Equipment & Accessories
F

General Technical
G

For detailed ordering information, please consult price list or contact Parflex® Division.



Fluoropolymer Hose Selection

psi

A Hose
 B Tubing
 C Coiled Air Hose & Fittings
 D Transportation
 E Fittings
 F Tooling, Equipment & Accessories
 G General Technical

| Reinforcement Type | | PSI Fluoropolymer Hose Working Pressures | | | | | | | | | | | | | | | |
|--------------------|---|---|---------------|------|------|------|-------|------|------|------|-------|------|------|------|------|------|--|
| | | Fractional Size | Nominal Sizes | | | | | | | | | | | | | | |
| | | | 1/8 | 3/16 | 1/4 | 5/16 | 13/32 | 1/2 | 5/8 | 7/8 | 1-1/8 | 1/8 | 1/4 | 3/8 | 1/2 | 5/8 | |
| | | Dash Size | -3 | -4 | -5 | -6 | -8 | -10 | -12 | -16 | -20 | -3 | -4 | -6 | -8 | -10 | |
| | | psi | psi | psi | psi | psi | psi | psi | psi | psi | psi | psi | psi | psi | psi | | |
| Wire | 919 | PTFE Hose | 3000 | 3000 | 3000 | 2500 | 2000 | 1500 | 1200 | 1000 | 625 | | | | | | |
| | 919B | PTFE Hose with static-dissipative core | | 3000 | 3000 | 2500 | 2000 | | | | | | | | | | |
| | 919J | Silicone Covered PTFE Hose | | 3000 | 3000 | 2500 | 2000 | 1500 | 1200 | | | | | | | | |
| | 919U | High Abrasion Resistance PTFE Hose | | 3000 | | 2500 | 2000 | | 1200 | 1000 | | | | | | | |
| | 929 | Heavy Wall PTFE Hose | | 3000 | | 2500 | 2000 | | | | | | | | | | |
| | 929B | Heavy Wall PTFE Hose with static-dissipative core | | 3000 | | 2500 | 2000 | | 1200 | 1250 | | | | | | | |
| | 929BJ | Silicone Covered PTFE Hose with static-dissipative core | | 3000 | | 2500 | 2000 | | 1200 | 1250 | | | | | | | |
| | 939 | Convuluted PTFE Hose | | | | | | | | | | | | 1500 | 1350 | 1000 | |
| | 939B | Convuluted PTFE Hose with static-dissipative core | | | | | | | | | | | | 1500 | 1350 | 1000 | |
| | 943B | High Pressure PTFE Hose with static-dissipative core | | | | 3000 | 3000 | 3000 | 3000 | 3000 | | | | | | | |
| | 944B | High Pressure PTFE Hose with static-dissipative core | | 4500 | | 4500 | 4500 | 4500 | 4500 | 4000 | | | | | | | |
| | 950B | High Pressure PTFE Hose with static-dissipative core | | 4000 | | 4000 | 4000 | 4000 | 4000 | 4000 | | | | | | | |
| | 955B | High Pressure PTFE Hose with static-dissipative core | | 5500 | | 5500 | 5500 | 5500 | 5500 | 5500 | | | | | | | |
| | S30 | PAGE Ind. PTFE Hose | | 3000 | 3000 | 2500 | 2000 | 1750 | 1500 | 1000 | | | | | | | |
| | S30B | PAGE Ind. PTFE Hose with static-dissipative core | | 3000 | 3000 | 2500 | 2000 | 1750 | 1500 | 1000 | | | | | | | |
| | S40 | PAGE Ind. Heavy Wall PTFE Hose | | 3000 | 3000 | 2500 | 2000 | 1750 | 1500 | 1000 | | | | | | | |
| | S40B | PAGE Ind. Heavy Wall PTFE Hose with static-dissipative core | | 3000 | 3000 | 2500 | 2000 | 1750 | 1500 | 1000 | | | | | | | |
| | STW Z-STW* | PAGE Heavy Wall PTFE Hose *Double Braid | | | | | | | | | | 3000 | 3000 | 2000 | 1750 | | |
| | STB Z-STB* | PAGE Heavy Wall PTFE Hose with static-dissipative core *Double Braid | | | | | | | | | | 3000 | 3000 | 2000 | 1750 | | |
| | SCW | PAGE Convuluted PTFE Hose | | | | | | | | | | | 1500 | 1500 | 1500 | | |
| SCB | PAGE Convuluted PTFE Hose with static-dissipative core | | | | | | | | | | | 1500 | 1500 | 1500 | | | |
| SCWV | PAGE Heavy Wall Convuluted PTFE Hose | | | | | | | | | | | | | 1500 | | | |
| SCBV | PAGE Heavy Wall Convuluted PTFE Hose with static-dissipative core | | | | | | | | | | | | | 1500 | | | |
| SCWV-FS | PAGE Flare-Seal® PTFE Hose | | | | | | | | | | | | | 500 | | | |
| SCBV-FS | PAGE Flare-Seal® PTFE Hose with static-dissipative core | | | | | | | | | | | | | 500 | | | |
| Fiber | PCW | PAGE Convuluted PTFE Hose, PP Braid | | | | | | | | | | 350 | 350 | 300 | | | |
| | PCB | PAGE Convuluted PTFE Hose with static-dissipative core, PP Braid | | | | | | | | | | 350 | 350 | 300 | | | |
| | PCWV | PAGE Heavy Wall Convuluted PTFE Hose, PP Braid | | | | | | | | | | | | 300 | | | |
| | PCBV | PAGE Heavy Wall Convuluted PTFE Hose with static-dissipative core, PP Braid | | | | | | | | | | | | 300 | | | |
| | PCWV-FS | PAGE Flare-Seal® PTFE Hose, PP Braid | | | | | | | | | | | | 300 | | | |
| | PCBV-FS | PAGE Flare-Seal® PTFE Hose with static-dissipative core, PP Braid | | | | | | | | | | | | 300 | | | |
| | RCTW | PAGE Rubber Covered EPDM | | | | | | | | | | | | | 500 | | |
| Other | RCTB | PAGE Rubber Covered EPDM with static-dissipative core | | | | | | | | | | | | | 500 | | |
| | SBFW | PAGE Page-Flex® SBF | | | | | | | | | | | | 300 | 300 | | |
| | SBF | PAGE Page-Flex® SBF with static-dissipative core | | | | | | | | | | | | 300 | 300 | | |
| | | | | | | | | | | | | | | | | | |

*Z indicates double braid.

Legend

PTFE – Polytetrafluoroethylene

PTFE-S – Polytetrafluoroethylene, Static Dissipative

FEP – Fluorinated Ethylene Propylene

PFA – Perfluoroalkoxy



For detailed ordering information, please consult price list or contact Parflex® Division.

Construction/Specifications

Hose
A

| PSI Fluoropolymer Construction and Specifications | | | | | | | | | | | | | | Reinforcement Type |
|---|------|-------|-------|------|-------|-----|-----|-----------|------------------------|----------------------------|--------|--|---|--------------------|
| 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2-1/2 | 3 | 4 | | | | | Fractional Size | | |
| -12 | -16 | -20 | -24 | -32 | -40 | -48 | -64 | Core Tube | Reinforcement Material | Cover Material | Page # | Dash Size | | |
| psi | psi | psi | psi | psi | psi | psi | psi | | | | | | | |
| | | | | | | | | PTFE | SS Wire | — | A-65 | PTFE Hose | 919 | |
| | | | | | | | | PTFE-S | SS Wire | — | A-65 | PTFE Hose with static-dissipative core | 919B | |
| | | | | | | | | PTFE | SS Wire | S | A-66 | Silicone Covered PTFE Hose | 919J | |
| | | | | | | | | PTFE | SS Wire | U | A-67 | High Abrasion Resistance PTFE Hose | 919U | |
| | | | | | | | | PTFE | SS Wire | — | A-68 | Heavy Wall PTFE Hose | 929 | |
| | | | | | | | | PTFE-S | SS Wire | — | A-68 | Heavy Wall PTFE Hose with static-dissipative core | 929B | |
| | | | | | | | | PTFE-S | SS Wire | S | A-69 | Silicone Covered PTFE Hose with static-dissipative core | 929BJ | |
| | 1100 | 1000 | 1000 | 750 | 250 | | | PTFE | SS Wire | — | A-70 | Convoluted PTFE Hose | 939 | |
| | 1100 | 1000 | 1000 | 1000 | 1000 | | | PTFE-S | SS Wire | — | A-70 | Convoluted PTFE Hose with static-dissipative core | 939B | |
| | | | | | | | | PTFE-S | SS Wire | — | A-71 | High Pressure PTFE Hose with static-dissipative core | 943B | |
| | | | | | | | | PTFE-S | SS Wire | — | A-72 | High Pressure PTFE Hose with static-dissipative core | 944B | |
| | | | | | | | | PTFE-S | SS Wire | — | A-73 | High Pressure PTFE Hose with static-dissipative core | 950B | |
| | | | | | | | | PTFE-S | SS Wire | — | A-74 | High Pressure PTFE Hose with static-dissipative core | 955B | |
| | | | | | | | | PTFE | SS Wire | — | A-75 | PAGE Ind. PTFE Hose | S30 | |
| | | | | | | | | PTFE-S | SS Wire | — | A-75 | PAGE Ind. PTFE Hose with static-dissipative core | S30B | |
| | | | | | | | | PTFE | SS Wire | — | A-76 | PAGE Ind. Heavy Wall PTFE Hose | S40 | |
| | | | | | | | | PTFE-S | SS Wire | — | A-76 | PAGE Ind. Heavy Wall PTFE Hose with static-dissipative core | S40B | |
| | 1000 | 1000 | 1000* | 900* | | | | PTFE | SS Wire | — | A-77 | PAGE Heavy Wall PTFE Hose *Double Braid | STW Z-STW* | |
| | 1000 | 1000 | 1000* | 900* | | | | PTFE-S | SS Wire | — | A-77 | PAGE Heavy Wall PTFE Hose with static-dissipative core *Double Braid | STB Z-STB* | |
| | 1200 | 1000 | 750 | 650 | 450 | | | PTFE | SS Wire | — | A-82 | PAGE Convoluted PTFE Hose | SCW | |
| | 1200 | 1000 | 750 | 650 | 450 | | | PTFE-S | SS Wire | — | A-82 | PAGE Convoluted PTFE Hose with static-dissipative core | SCB | |
| | 1200 | 1000 | 750 | 650 | 450 | 200 | 175 | 150 | PTFE | SS Wire | — | A-84 | PAGE Heavy Wall Convoluted PTFE Hose | SCWV |
| | 1200 | 1000 | 750 | 650 | 450 | 200 | 175 | 150 | PTFE-S | SS Wire | — | A-84 | PAGE Heavy Wall Convoluted PTFE Hose with static-dissipative core | SCBV |
| | 425 | 350 | 325 | 300 | 250 | 200 | 175 | 150 | PTFE | SS Wire | — | A-86 | PAGE Flare-Seal® PTFE Hose | SCWV-FS |
| | 425 | 350 | 325 | 300 | 250 | 200 | 175 | 150 | PTFE-S | SS Wire | — | A-86 | PAGE Flare-Seal® PTFE Hose with static-dissipative core | SCBV-FS |
| | 250 | 250 | 200 | 200 | 200 | 200 | 200 | 200 | PTFE | PP | — | A-83 | PAGE Convoluted PTFE Hose, PP Braid | PCW |
| | 250 | 250 | 200 | 200 | 200 | 200 | 200 | 200 | PTFE-S | PP | — | A-83 | PAGE Convoluted PTFE Hose with static-dissipative core, PP Braid | PCB |
| | 250 | 250 | 200 | 200 | 200 | 150 | 125 | 100 | PTFE | PP | — | A-85 | PAGE Heavy Wall Convoluted PTFE Hose, PP Braid | PCWV |
| | 250 | 250 | 200 | 200 | 200 | 150 | 125 | 100 | PTFE-S | PP | — | A-85 | PAGE Heavy Wall Convoluted PTFE Hose with static-dissipative core, PP Braid | PCBV |
| | 250 | 250 | 200 | 200 | 200 | 150 | 125 | 100 | PTFE | PP | — | A-87 | PAGE Flare-Seal® PTFE Hose, PP Braid | PCWV-FS |
| | 250 | 250 | 200 | 200 | 200 | 150 | 125 | 100 | PTFE-S | PP | — | A-87 | PAGE Flare-Seal® PTFE Hose with static-dissipative core, PP Braid | PCBV-FS |
| | 500 | 450 | 375 | 375 | 300 | 200 | 200 | 150 | FEP | Double Wire Helix | EPDM | A-88 | PAGE Rubber Covered EPDM | RCTW |
| | 500 | 450 | 375 | 375 | 300 | 200 | 200 | 150 | PFA-S | Double Wire Helix | EPDM | A-88 | PAGE Rubber Covered EPDM with static-dissipative core | RCTB |
| | 250 | 250 | | 200 | | | | | PFA | Bonded Wire-Silicone-Fiber | — | A-78 | PAGE Page-Flex® SBF | SBFW |
| | 250 | 250 | | 200 | | | | | PFA-S | Bonded Wire-Silicone-Fiber | — | A-78 | PAGE Page-Flex® SBF with static-dissipative core | SBFB |

PFA-S – Perfluoroalkoxy, Static Dissipative
 PP - Polypropylene
 S – Silicone
 U – Polyurethane

For detailed ordering information, please consult price list or contact Parflex® Division.



B Tubing

C Coiled Air Hose with Fittings

D Transportation

E Fittings

F Tooling, Equipment & Accessories

G General Technical

Thermoplastic Hose Selection

MPa

A
Hose

B
Tubing

C
Coiled Air Hose & Fittings

D
Transportation

E
Fittings

F
Tooling, Equipment & Accessories

G
General Technical

| Reinforcement Type | | MPa Thermoplastic Hose Working Pressures | | | | | | | | | | | | | |
|--------------------|------------------------------|--|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | | Dash Size | | 3/32 | 1/8 | 3/16 | 1/4 | 5/16 | 3/8 | 1/2 | 5/8 | 3/4 | 1 | 1 1/4 | 1 1/2 |
| | | Hose | Description | -1.5 | -2 | -3 | -4 | -5 | -6 | -8 | -10 | -12 | -16 | -20 | -24 |
| | | psi | psi | psi | psi | psi | psi | psi | psi | psi | psi | psi | psi | psi | |
| Wire | D6/D6R | Hybrid - Constant Pressure Hydraulic | | | | 20.7 | | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | | | |
| | D6R | Hybrid - Constant Pressure Hydraulic | | | | 20.7 | | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | | | |
| | H6 | Constrant Pressure Hydraulic | | | | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | | | | |
| | HFS | Hybrid - General Hydraulic | | | | 20.7 | 20.7 | 17.2 | 17.2 | | 10.3 | 8.6 | | | |
| | HFSR | Hybrid - General Hydraulic | | | | 20.7 | 20.7 | 17.2 | 17.2 | | 10.3 | 8.6 | | | |
| | HFS2 | Hybrid - General Hydraulic | | | | 34.5 | | 27.6 | 24.1 | 19.0 | 15.5 | 13.8 | | | |
| | HFS2R | Hybrid - General Hydraulic | | | | 34.5 | | 27.6 | 24.1 | 19.0 | 15.5 | 13.8 | | | |
| | R6 | Constrant Pressure Hydraulic | | | | 20.7 | | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | | | |
| | M8 | Hybrid - High Pressure Hydraulic | | | | | | 27.6 | 27.6 | 27.6 | | | | | |
| | HTB | Hybrid - Compact High Pressure | | | | 48.3 | | 37.9 | 34.5 | 27.6 | 27.6 | 24.1 | | | |
| | HTBR | Hybrid - Compact High Pressure | | | | 48.3 | | 37.9 | 34.5 | 27.6 | 27.6 | 24.1 | | | |
| | HJK | Hybrid - Jackline | | | | 68.9 | | | | | | | | | |
| | 560/560R | General Hydraulic | | | 24.1 | 31.7 | 20.7 | 19.0 | 17.2 | 13.8 | 12.1 | | | | |
| | 563 | Constant Pressure Hydraulic | | | | 20.7 | | 20.7 | 20.7 | | | | | | |
| | 590 | General Hydraulic | | | 34.5 | 34.5 | | 27.6 | 24.1 | 20.7 | 17.2 | 13.8 | | | |
| | 593 | General Hydraulic | | | | | | | | | 20.7 | 31.7 | | | |
| Fiber | 510A | Industrial Refrigerant | | 17.2 | 20.7 | 10.3 | 17.2 | 15.5 | 13.8 | | 8.6 | 6.9 | | | |
| | 510C | General Hydraulic | | 17.2 | 31.7 | 20.7 | 17.2 | 15.5 | 15.5 | | 8.6 | 6.9 | | | |
| | 518C | Non-conductive Hydraulic | | 17.2 | 31.7 | 20.7 | 17.2 | 15.5 | 15.5 | | 8.6 | 6.9 | | | |
| | 518D | Non-conductive Hydraulic | | 20.7 | 31.7 | 20.7 | 17.2 | 15.5 | 15.5 | | 8.6 | | | | |
| | 515H | Compact/Lightweight Hydraulic | | | 15.0 | 13.8 | 12.1 | 10.3 | 10.3 | | | | | | |
| | 520N / 528N | General Hydraulic / Non-conductive Hydraulic | | | 34.5 | 34.5 | 31.0 | 27.6 | 24.1 | | | | | | |
| | 526BA | Breathing Air Refill | | | 41.4 | 41.4 | | 41.4 | | | | | | | |
| | 527BA | Breathing Air Refill | | | 48.3 | 48.3 | | | | | | | | | |
| | 53DM / 538DM | Low Temperature Hydraulic | | | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | | | | |
| | 540N | General Hydraulic | | 20.7 | 20.7 | 19.0 | 17.2 | 15.5 | 13.8 | | 8.6 | | | | |
| | 540P | Specialty Water | | | | 19.0 | | 15.5 | 13.8 | | 8.6 | | | | |
| | 55LT | Low Temperature Hydraulic | | 20.7 | 31.7 | 20.7 | 17.2 | 15.5 | 13.8 | | 8.6 | | | | |
| | 56DH / 568DH | Diagnostic | 41.4 | 41.4 | | | | | | | | | | | |
| | 569 | High Pressure | | | | 70.0 | | | | | | | | | |
| | 573X | Fast Response Hydraulic | | | 20.7 | | | | | | | | 20.7 | | |
| | 575X | Fast Response Hydraulic | | | 34.5 | 34.5 | | 34.5 | 34.5 | | 34.5 | 34.5 | | | |
| | 580N / 588N | General Hydraulic / Non-conductive Hydraulic | | | | 34.5 | | 27.6 | 24.1 | 10.3 | 15.5 | 13.8 | | | |
| | H580N | General Hydraulic | | | | | | | | | | 20.7 | | | |
| | 1035A | Power Cleaning | | | | 10.3 | 8.3 | | | | | | | | |
| | 1035HT | Power Cleaning | | | 13.8 | 12.1 | 10.3 | | | | | | | | |
| | 83FR | General Purpose Air/Water | | | | 2.1 | | 2.1 | 2.1 | | 2.1 | | | | |
| | B9 | General Purpose Air/Water | | | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | | | | | |
| | 5CNG | Compressed Natural Gas | | | 34.5 | 34.5 | | 34.5 | 34.5 | | 34.5 | 34.5 | | | |
| | HLB | Lubrication | | 20.7 | 20.7 | | | | | | | | | | |
| | MSH | Marine Steering | | | | | 6.9 | 6.9 | | | | | | | |
| | PTH | Power Tilt | | | | 20.7 | | | | | | | | | |
| | S5N | Sewer Cleaning - Lateral Cleaning | | | | | | | 27.6 | | | | | | |
| | S6 | Sewer Cleaning | | | | | | | | | 17.2 | 17.2 | 17.2 | 17.2 | |
| S9 | Sewer Cleaning | | | | | | | | | 20.7 | 20.7 | | | | |
| SLH | Sewer Cleaning Leader Hose | | | | | | | 27.6 | 27.6 | 20.7 | 20.7 | | | | |
| Duraflex | Aerial Lift - Hydraulic Tool | | | | | | 15.5 | | | | | | | | |



For detailed ordering information, please consult price list or contact Parflex® Division.

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd

Construction/Specifications

Hose
A

| MPa Thermoplastic Hose Working Pressures | | | | | | | | | Reinforcement Type |
|--|------------------------|----------------|------------------------|---------------------------------------|--------|--|-----------------|------|--------------------|
| Core Tube | Reinforcement Material | Cover Material | SAE Specification | Additional Specifications | Page # | Description | Hose | | |
| P | Wire | R | 100R17 | MSHA IC-40/32 | A-22 | Hybrid - Constant Pressure Hydraulic | D6 | Wire | |
| P | Wire | R | | MSHA/ ISO 11237 | A-23 | Hybrid - Constant Pressure Hydraulic | D6R | | |
| P | Wire | P | 100R17 | | A-28 | Constrant Pressure Hydraulic | H6 | | |
| P | Wire | R | 100R1 / J1942 | MSHA IC-40/32 | A-24 | Hybrid - General Hydraulic | HFS | | |
| P | Wire | R | 100R1 | | A-25 | Hybrid - General Hydraulic | HFSR | | |
| P | Wire | R | 100R2 / 100R16 / J1942 | MSHA IC-40/32 | A-26 | Hybrid - General Hydraulic | HFS2 | | |
| P | Wire | R | 100R16 | MSHA IC-40/32 | A-27 | Hybrid - General Hydraulic | HFS2R | | |
| P | Wire | F | 100R17 | | A-29 | Constrant Pressure Hydraulic | R6 | | |
| P | Wire | R | 100R12 | MSHA IC-40/32 | A-32 | Hybrid - High Pressure Hydraulic | M8 | | |
| P | Wire | R | J1942 | MSHA IC-40/32 | A-30 | Hybrid - Compact High Pressure | HTB | | |
| P | Wire | R | | MSHA IC-40/32 | A-31 | Hybrid - Compact High Pressure | HTBR | | |
| P | Wire | R | - | IJ-100/MSHA | A-33 | Hybrid - Jackline | HJK | | |
| P | Wire | U | 100R1 | MSHA IC-40/32 / DNV | A-34 | General Hydraulic | 560/560R | | |
| P | Wire | U | 100R17 | MSHA IC-40/32 | A-35 | Constant Pressure Hydraulic | 563 | | |
| P | Wire | U | 100R2 / 100R16 | DNV/ABS* | A-36 | General Hydraulic | 590 | | |
| P / N | Wire | U | 100R2 | MSHA IC-40/32/ABS | A-37 | General Hydraulic | 593 | | |
| PFX | Fiber | U | 100R7 | MSHA IC-40/32* | A-38 | Industrial Refrigerant | 510A | | |
| P | Fiber | PFX | 100R7 | MSHA IC-40/32*/DNV | A-39 | General Hydraulic | 510C | | |
| P | Fiber | PFX | 100R7 | DNV | A-40 | Non-conductive Hydraulic | 518C | | |
| N | Fiber | PFX | 100R7 | DNV | A-41 | Non-conductive Hydraulic | 518D | | |
| P | Fiber | U | - | MSHA IC-40/32 | A-42 | Compact/Lightweight Hydraulic | 515H | | |
| N | Fiber | U | 100R8 | MSHA IC-40/32 / DNV* | A-43 | General Hydraulic / Non-conductive Hydraulic | 520N / 528N | | |
| N | Fiber | U | - | CGA / NFPA 1901 | A-44 | Breathing Air Refill | 526BA | | |
| N | Fiber | U | - | CGA / NFPA 1901 | A-45 | Breathing Air Refill | 527BA | | |
| P | Fiber | P | 100R18 | | A-46 | Low Temperature Hydraulic | 53DM / 538DM | | |
| N | Fiber | U | 100R7 | MSHA IC-40/32 / DNV | A-47 | General Hydraulic | 540N | | |
| PE | Fiber | U | 100R7 | FDA | A-48 | Specialty Water | 540P | | |
| P | Fiber | P | 100R7 | | A-49 | Low Temperature Hydraulic | 55LT | | |
| N | Fiber | U | - | MSHA IC-40/32* | A-50 | Diagnostic | 56DH / 568DH | | |
| N | Fiber | U | - | IJ-100 | A-51 | High Pressure | 569 | | |
| N | Fiber | U | - | MSHA IC-40/32 / DNV* | A-52 | Fast Response Hydraulic | 573X | | |
| N | Fiber | U | - | MSHA IC-40/32 / DNV | A-53 | Fast Response Hydraulic | 575X | | |
| N | Fiber | U | 100R8 | MSHA IC-40/32 / DNV* | A-54 | General Hydraulic / Non-conductive | 580N / 588N | | |
| N | Fiber | U | 100R8 | DNV | A-54 | General Hydraulic | H580N | | |
| PFX | Fiber | U | - | | A-56 | Power Cleaning | 1035A | | |
| N | Fiber | U | - | | A-57 | Power Cleaning | 1035HT | | |
| U | Fiber | U | - | MSHA IC-40/32 | A-55 | General Purpose Air/Water | 83FR | | |
| U | Fiber | U | - | | A-58 | General Purpose Air/Water | B9 | | |
| N | Fiber | U | - | ANSI IAS NGV4.2-CSA 12.52 / ECE R110* | A-59 | Compressed Natural Gas | CNG | | |
| P | Fiber | U | - | MSHA IC-40/32 | A-60 | Lubrication | HLB | | |
| N | Fiber | U | - | | A-61 | Marine Steering | MSH | | |
| N | Fiber / SS Wire | U | - | | A-62 | Power Tilt | PTH | | |
| P | Fiber | U | - | Wastec WRP05-1996 | A-63 | Sewer Cleaning - Lateral Cleaning | S5N | | |
| P | Fiber | U | - | Wastec WRP05-1996 | A-64 | Sewer Cleaning | S6 | | |
| P | Fiber | U | - | Wastec WRP05-1996 | A-65 | Sewer Cleaning | S9 | | |
| P | Wire | R | - | | A-66 | Sewer Cleaning Leader Hose | SLH | | |
| N | Fiber | U | 100R7 | | A-67 | Aerial Lift - Hydraulic Tool | Duraflex - 548N | | |

Tubing
B

Coiled Air Hose & Fittings
C

Transportation
D

Fittings
E

Tooling, Equipment & Accessories
F

General Technical
G

*View Government & Agency Specifications for exceptions, pg. G-60

Legend

- N – Nylon
- NP – Neoprene
- P – Copolyester
- PE – Polyethylene
- PFX – Proprietary Mat'l
- S – Silicone
- R – Rubber
- U – Urethane
- F – Fiber

For detailed ordering information, please consult price list or contact Parflex® Division.



Fluoropolymer Hose Selection MPa

A Hose
 B Tubing
 C Coiled Air Hose & Fittings
 D Transportation
 E Fittings
 F Tooling, Equipment & Accessories
 G General Technical

| Reinforcement Type | | MPa Fluoropolymer Hose Working Pressures | | | | | | | | | | | | | | | |
|--------------------|---------------|---|---|---|-------|------|-------|-------|------|------|-------|------|------|------|-------|-----|--|
| | | Fractional Size | Nominal Sizes | | | | | | | | | | | | | | |
| | | | 1/8 | 3/16 | 1/4 | 5/16 | 13/32 | 1/2 | 5/8 | 7/8 | 1-1/8 | 1/8 | 1/4 | 3/8 | 1/2 | 5/8 | |
| | | | 15/64 | 7/16 | 29/32 | | | | | | -3 | -4 | -6 | -8 | -10.3 | | |
| Dash Size | | -3 | -4 | -5 | -6 | -8 | -10 | -12.1 | -16 | -20 | MPa | MPa | MPa | MPa | MPa | | |
| | | MPa | MPa | MPa | MPa | MPa | MPa | MPa | MPa | MPa | MPa | MPa | MPa | MPa | MPa | | |
| B | 919 | PTFE Hose | 20.7 | 20.7 | 20.7 | 17.2 | 13.8 | 10.3 | 8.3 | 6.9 | 4.3 | | | | | | |
| | 919B | PTFE Hose with static-dissipative core | | 20.7 | 20.7 | 17.2 | 13.8 | | | | | | | | | | |
| | 919J | Silicone Covered PTFE Hose | | 20.7 | 20.7 | 17.2 | 13.8 | 10.3 | 8.3 | | | | | | | | |
| | 919U | High Abrasion Resistance PTFE Hose | | 20.7 | | 17.2 | 13.8 | | 8.3 | 6.9 | | | | | | | |
| | 929 | Heavy Wall PTFE Hose | | 20.7 | | 17.2 | 13.8 | | | | | | | | | | |
| | 929B | Heavy Wall PTFE Hose with static-dissipative core | | 20.7 | | 17.2 | 13.8 | | 8.3 | 9 | | | | | | | |
| | 929BJ | Silicone Covered PTFE Hose with static-dissipative core | | 20.7 | | 17.2 | 13.8 | | 8.3 | 9 | | | | | | | |
| | 939 | Convuluted PTFE Hose | | | | | | | | | | | 10.3 | 9.3 | 6.9 | | |
| | 939B | Convuluted PTFE Hose with static-dissipative core | | | | | | | | | | | 10.3 | 9.3 | 6.9 | | |
| | 943B | High Pressure PTFE Hose with static-dissipative core | | | | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | | | | | | | |
| C | 944B | High Pressure PTFE Hose with static-dissipative core | | 31.0 | | 31.0 | 31.0 | 31.0 | 31.0 | 27.5 | | | | | | | |
| | 950B | High Pressure PTFE Hose with static-dissipative core | | 27.5 | | 27.5 | 27.5 | 27.5 | 27.5 | 27.5 | | | | | | | |
| | 955B | High Pressure PTFE Hose with static-dissipative core | | 37.9 | | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | | | | | | | |
| | S30 | PAGE Ind. PTFE Hose | | 20.7 | 20.7 | 17.2 | 13.8 | 12.1 | 10.3 | 6.9 | | | | | | | |
| | S30B | PAGE Ind. PTFE Hose with static-dissipative core | | 20.7 | 20.7 | 17.2 | 13.8 | 12.1 | 10.3 | 6.9 | | | | | | | |
| | S40 | PAGE Ind. Heavy Wall PTFE Hose | | 20.7 | 20.7 | 17.2 | 13.8 | 12.1 | 10.3 | 6.9 | | | | | | | |
| | S40B | PAGE Ind. Heavy Wall PTFE Hose with static-dissipative core | | 20.7 | 20.7 | 17.2 | 13.8 | 12.1 | 10.3 | 6.9 | | | | | | | |
| | STW Z-STW* | PAGE Heavy Wall PTFE Hose *Double Braid | | | | | | | | | | 20.7 | 20.7 | 13.8 | 12.1 | | |
| | STB Z-STB* | PAGE Heavy Wall PTFE Hose with static-dissipative core *Double Braid | | | | | | | | | | 20.7 | 20.7 | 13.8 | 12.1 | | |
| | SCW | PAGE Convuluted PTFE Hose | | | | | | | | | | | 10.3 | 10.3 | 10.3 | | |
| D | SCB | PAGE Convuluted PTFE Hose with static-dissipative core | | | | | | | | | | 10.3 | 10.3 | 10.3 | | | |
| | SCWV | PAGE Heavy Wall Convuluted PTFE Hose | | | | | | | | | | | | 10.3 | | | |
| | SCBV | PAGE Heavy Wall Convuluted PTFE Hose with static-dissipative core | | | | | | | | | | | | 10.3 | | | |
| | SCWV-FS | PAGE Flare-Seal® PTFE Hose | | | | | | | | | | | | 3.5 | | | |
| | SCBV-FS | PAGE Flare-Seal® PTFE Hose with static-dissipative core | | | | | | | | | | | | 3.5 | | | |
| | PCW | PAGE Convuluted PTFE Hose, PP Braid | | | | | | | | | | 2.4 | 2.4 | 2.1 | | | |
| | PCB | PAGE Convuluted PTFE Hose with static-dissipative core, PP Braid | | | | | | | | | | 2.4 | 2.4 | 2.1 | | | |
| | PCWV | PAGE Heavy Wall Convuluted PTFE Hose, PP Braid | | | | | | | | | | | | 2.1 | | | |
| | PCBV | PAGE Heavy Wall Convuluted PTFE Hose with static-dissipative core, PP Braid | | | | | | | | | | | | 2.1 | | | |
| | PCWV-FS | PAGE Flare-Seal® PTFE Hose, PP Braid | | | | | | | | | | | | 2.1 | | | |
| E | PCBV-FS | PAGE Flare-Seal® PTFE Hose with static-dissipative core, PP Braid | | | | | | | | | | | | 2.1 | | | |
| | RCTW | PAGE Rubber Covered EPDM | | | | | | | | | | | | 3.5 | | | |
| | RCTB | PAGE Rubber Covered EPDM with static-dissipative core | | | | | | | | | | | | 3.5 | | | |
| | SBFW | PAGE Page-Flex® SBF | | | | | | | | | | | 2.1 | 2.1 | | | |
| | SBFB | PAGE Page-Flex® SBF with static-dissipative core | | | | | | | | | | | 2.1 | 2.1 | | | |
| | F | Fiber | PCW | PAGE Convuluted PTFE Hose, PP Braid | | | | | | | | | | 2.4 | 2.4 | 2.1 | |
| | | | PCB | PAGE Convuluted PTFE Hose with static-dissipative core, PP Braid | | | | | | | | | | 2.4 | 2.4 | 2.1 | |
| | | | PCWV | PAGE Heavy Wall Convuluted PTFE Hose, PP Braid | | | | | | | | | | | | 2.1 | |
| | | | PCBV | PAGE Heavy Wall Convuluted PTFE Hose with static-dissipative core, PP Braid | | | | | | | | | | | | 2.1 | |
| | | | PCWV-FS | PAGE Flare-Seal® PTFE Hose, PP Braid | | | | | | | | | | | | 2.1 | |
| PCBV-FS | | | PAGE Flare-Seal® PTFE Hose with static-dissipative core, PP Braid | | | | | | | | | | | | 2.1 | | |
| G | Other | RCTW | PAGE Rubber Covered EPDM | | | | | | | | | | | 3.5 | | | |
| | | RCTB | PAGE Rubber Covered EPDM with static-dissipative core | | | | | | | | | | | 3.5 | | | |
| | | SBFW | PAGE Page-Flex® SBF | | | | | | | | | | | 2.1 | 2.1 | | |
| | | SBFB | PAGE Page-Flex® SBF with static-dissipative core | | | | | | | | | | | 2.1 | 2.1 | | |

*Z indicates double braid.

Legend

PTFE – Polytetrafluoroethylene

PTFE-S – Polytetrafluoroethylene, Static Dissipative

FEP – Fluorinated Ethylene Propylene

PFA – Perfluoroalkoxy



For detailed ordering information, please consult price list or contact Parflex® Division.

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd

Construction/Specifications

Hose
A

| psi Fluoropolymer Construction and Specifications | | | | | | | | | | | | | Reinforcement Type | |
|---|-----|-------------|-------|------|-------|-----|-----|-----------|------------------------|----------------------------|--------|--|---|---------|
| 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2-1/2 | 3 | 4 | | | | | Fractional Size | | |
| -12. | -16 | -20 | -24 | -32 | -40 | -48 | -64 | Core Tube | Reinforcement Material | Cover Material | Page # | Dash Size | | |
| psi | psi | psi | psi | psi | psi | psi | psi | | | | | | | |
| | | | | | | | | PTFE | SS Wire | — | A-65 | PTFE Hose | 919 | |
| | | | | | | | | PTFE-S | SS Wire | — | A-65 | PTFE Hose with static-dissipative core | 919B | |
| | | | | | | | | PTFE | SS Wire | S | A-66 | Silicone Covered PTFE Hose | 919J | |
| | | | | | | | | PTFE | SS Wire | U | A-67 | High Abrasion Resistance PTFE Hose | 919U | |
| | | | | | | | | PTFE | SS Wire | — | A-68 | Heavy Wall PTFE Hose | 929 | |
| | | | | | | | | PTFE-S | SS Wire | — | A-68 | Heavy Wall PTFE Hose with static-dissipative core | 929B | |
| | | | | | | | | PTFE-S | SS Wire | S | A-69 | Silicone Covered PTFE Hose with static-dissipative core | 929BJ | |
| | 7.6 | 6.9 | 6.9 | 5.2 | 1.7 | | | PTFE | SS Wire | — | A-70 | Convoluted PTFE Hose | 939 | |
| | 7.6 | 6.9 | 6.9 | 5.2 | 1.7 | | | PTFE-S | SS Wire | — | A-70 | Convoluted PTFE Hose with static-dissipative core | 939B | |
| | | | | | | | | PTFE-S | SS Wire | — | A-71 | High Pressure PTFE Hose with static-dissipative core | 943B | |
| | | | | | | | | PTFE-S | SS Wire | — | A-72 | High Pressure PTFE Hose with static-dissipative core | 944B | |
| | | | | | | | | PTFE-S | SS Wire | — | A-73 | High Pressure PTFE Hose with static-dissipative core | 950B | |
| | | | | | | | | PTFE-S | SS Wire | — | A-74 | High Pressure PTFE Hose with static-dissipative core | 955B | |
| | | | | | | | | PTFE | SS Wire | — | A-75 | PAGE Ind. PTFE Hose | S30 | |
| | | | | | | | | PTFE-S | SS Wire | — | A-75 | PAGE Ind. PTFE Hose with static-dissipative core | S30B | |
| | | | | | | | | PTFE | SS Wire | — | A-76 | PAGE Ind. Heavy Wall PTFE Hose | S40 | |
| | | | | | | | | PTFE-S | SS Wire | — | A-76 | PAGE Ind. Heavy Wall PTFE Hose with static-dissipative core | S40B | |
| | 6.9 | 6.9 8.3* | 6.9* | 6.2* | | | | PTFE | SS Wire | — | A-77 | PAGE Heavy Wall PTFE Hose *Double Braid | STW Z-STW* | |
| | 6.9 | 6.9 8.3* | 6.9* | 6.2* | | | | PTFE-S | SS Wire | — | A-77 | PAGE Heavy Wall PTFE Hose with static-dissipative core *Double Braid | STB Z-STB* | |
| | 8.3 | 6.9 | 5.2 | 4.5 | 3.1 | | | PTFE | SS Wire | — | A-82 | PAGE Convoluted PTFE Hose | SCW | |
| | 8.3 | 6.9 | 5.2 | 4.5 | 3.1 | | | PTFE-S | SS Wire | — | A-82 | PAGE Convoluted PTFE Hose with static-dissipative core | SCB | |
| | 8.3 | 6.9 | 5.2 | 4.5 | 3.1 | 1.4 | 1.2 | 1.0 | PTFE | SS Wire | — | A-84 | PAGE Heavy Wall Convoluted PTFE Hose | SCWV |
| | 8.3 | 6.9 | 5.2 | 4.5 | 3.1 | 1.4 | 1.2 | 1.0 | PTFE-S | SS Wire | — | A-84 | PAGE Heavy Wall Convoluted PTFE Hose with static-dissipative core | SCBV |
| | 2.9 | 2.4 | 2.2 | 2.1 | 1.7 | 1.4 | 1.2 | 1.0 | PTFE | SS Wire | — | A-86 | PAGE Flare-Seal® PTFE Hose | SCWV-FS |
| | 2.9 | 2.4 | 2.2 | 2.1 | 1.7 | 1.4 | 1.2 | 1.0 | PTFE-S | SS Wire | — | A-86 | PAGE Flare-Seal® PTFE Hose with static-dissipative core | SCBV-FS |
| | 1.7 | 1.7 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | PTFE | PP | — | A-83 | PAGE Convoluted PTFE Hose, PP Braid | PCW |
| | 1.7 | 1.7 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | PTFE-S | PP | — | A-83 | PAGE Convoluted PTFE Hose with static-dissipative core, PP Braid | PCB |
| | 1.7 | 1.7 | 1.4 | 1.4 | 1.4 | 1.0 | .86 | .69 | PTFE | PP | — | A-85 | PAGE Heavy Wall Convoluted PTFE Hose, PP Braid | PCWV |
| | 1.7 | 1.7 | 1.4 | 1.4 | 1.4 | 1.0 | .86 | .69 | PTFE-S | PP | — | A-85 | PAGE Heavy Wall Convoluted PTFE Hose with static-dissipative core, PP Braid | PCBV |
| | 1.7 | 1.7 | 1.4 | 1.4 | 1.4 | 1.0 | .86 | .69 | PTFE | PP | — | A-87 | PAGE Flare-Seal® PTFE Hose, PP Braid | PCWV-FS |
| | 1.7 | 1.7 | 1.4 | 1.4 | 1.4 | 1.0 | .86 | .69 | PTFE-S | PP | — | A-87 | PAGE Flare-Seal® PTFE Hose with static-dissipative core, PP Braid | PCBV-FS |
| | 3.5 | 3.1 | 2.6 | 2.6 | 2.1 | 1.4 | 1.4 | 1.0 | FEP | Double Wire Helix | EPDM | A-88 | PAGE Rubber Covered EPDM | RCTW |
| | 3.5 | 3.1 | 2.6 | 2.6 | 2.1 | 1.4 | 1.4 | 1.0 | PFA-S | Double Wire Helix | EPDM | A-88 | PAGE Rubber Covered EPDM with static-dissipative core | RCTB |
| | 1.7 | 1.7 | | 1.4 | | | | | PFA | Bonded Wire-Silicone-Fiber | — | A-78 | PAGE Page-Flex® SBF | SBFW |
| | 1.7 | 1.7 | | 1.4 | | | | | PFA-S | Bonded Wire-Silicone-Fiber | — | A-78 | PAGE Page-Flex® SBF with static-dissipative core | SBFB |

PFA-S – Perfluoroalkoxy, Static Dissipative
PP - Polypropylene

S – Silicone
U – Polyurethane

For detailed ordering information, please consult price list or contact Parflex® Division.



B Tubing

C Coiled Air Hose
& Fittings

D Transportation

E Fittings

F Tooling, Equipment
& Accessories

G General Technical

Parflex Thermoplastic Hoses

Parflex Thermoplastic Hose Assembly Nomenclature



| F | Prefix | 540N | Hose | 06-39 | Fitting Configuration* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|---|--|--------|-------|------------------------|------|----|------|-----|------|------|------|----|------|-----|------|-----|-------|-----|------|-----|-------|-----|--------|-----|------|------|----|------|------|------|-----|------|-----|------|-----|------|-----|-------|--|-------|--|---|----|------------------------------------|----|--------------------------|----|--------------------------|----|--------------------------------|----|-----------------------------|----|--------------------|----|-------------------------|----|---|----|---|----|--|----|--------------------------------------|----|---------------------------------|----|--|----|---|----|---|----|--------------------------------|----|--|----|--|----|---------------------|----|--------------------|
| F | <p>F – Parkrimp (i.e. 55 series)</p> <p>A – Factory Crimp (i.e. 54 series)</p> <p>R – Field Attachable (i.e. 51 series)</p> | <table border="1"> <tr><td>D6/D6R</td><td>53DM</td></tr> <tr><td>H6</td><td>540N</td></tr> <tr><td>R6</td><td>540P</td></tr> <tr><td>HFS</td><td>55LT</td></tr> <tr><td>HFS2</td><td>56DH</td></tr> <tr><td>M8</td><td>575X</td></tr> <tr><td>HTB</td><td>580N</td></tr> <tr><td>HJK</td><td>H580N</td></tr> <tr><td>560</td><td>588N</td></tr> <tr><td>563</td><td>1035A</td></tr> <tr><td>590</td><td>1035HT</td></tr> <tr><td>593</td><td>83FR</td></tr> <tr><td>510A</td><td>B9</td></tr> <tr><td>510C</td><td>5CNG</td></tr> <tr><td>518C</td><td>HLB</td></tr> <tr><td>515H</td><td>MSH</td></tr> <tr><td>520N</td><td>PTH</td></tr> <tr><td>528N</td><td>SLH</td></tr> <tr><td>526BA</td><td></td></tr> <tr><td>527BA</td><td></td></tr> </table> | D6/D6R | 53DM | H6 | 540N | R6 | 540P | HFS | 55LT | HFS2 | 56DH | M8 | 575X | HTB | 580N | HJK | H580N | 560 | 588N | 563 | 1035A | 590 | 1035HT | 593 | 83FR | 510A | B9 | 510C | 5CNG | 518C | HLB | 515H | MSH | 520N | PTH | 528N | SLH | 526BA | | 527BA | | <table border="1"> <tr><td>01</td><td>Male Pipe Thread (with hex) - NPTF</td></tr> <tr><td>02</td><td>Female Pipe Thread - NPT</td></tr> <tr><td>03</td><td>Male SAE (JIC) 37° Flare</td></tr> <tr><td>05</td><td>Male Straight Thread w/ O-Ring</td></tr> <tr><td>06</td><td>Female SAE (JIC) 37° Swivel</td></tr> <tr><td>07</td><td>Female Pipe Swivel</td></tr> <tr><td>13</td><td>Male Pipe Swivel - NPTF</td></tr> <tr><td>37</td><td>Female SAE (JIC) 37° Swivel - 45° Elbow</td></tr> <tr><td>39</td><td>Female SAE (JIC) 37° Swivel - 90° Elbow</td></tr> <tr><td>41</td><td>Female SAE (JIC) 37° Swivel - 90° Long Elbow</td></tr> <tr><td>JC</td><td>Female Seal-Lok™ (ORFS) Swivel Short</td></tr> <tr><td>FU</td><td>Female JIC/BSP 30° Flare Swivel</td></tr> <tr><td>MU</td><td>Metric Female JIC/BSP 30° Flare Swivel</td></tr> <tr><td>J0</td><td>Male Seal-Lok™ (ORFS) Rigid Straight w/O-Ring</td></tr> <tr><td>GU</td><td>Female JIC/BSP Parallel Pipe Swive (60° Cone)</td></tr> <tr><td>JS</td><td>Female Seal-Lok™ (ORFS) Swivel</td></tr> <tr><td>J7</td><td>Female Seal-Lok™ (ORFS) Swivel - 45° Elbow</td></tr> <tr><td>J9</td><td>Female Seal-Lok™ (ORFS) Swivel - 90° Elbow</td></tr> <tr><td>TU</td><td>Universal Tube Stub</td></tr> <tr><td>AL</td><td>A-Lok® Compression</td></tr> </table> | 01 | Male Pipe Thread (with hex) - NPTF | 02 | Female Pipe Thread - NPT | 03 | Male SAE (JIC) 37° Flare | 05 | Male Straight Thread w/ O-Ring | 06 | Female SAE (JIC) 37° Swivel | 07 | Female Pipe Swivel | 13 | Male Pipe Swivel - NPTF | 37 | Female SAE (JIC) 37° Swivel - 45° Elbow | 39 | Female SAE (JIC) 37° Swivel - 90° Elbow | 41 | Female SAE (JIC) 37° Swivel - 90° Long Elbow | JC | Female Seal-Lok™ (ORFS) Swivel Short | FU | Female JIC/BSP 30° Flare Swivel | MU | Metric Female JIC/BSP 30° Flare Swivel | J0 | Male Seal-Lok™ (ORFS) Rigid Straight w/O-Ring | GU | Female JIC/BSP Parallel Pipe Swive (60° Cone) | JS | Female Seal-Lok™ (ORFS) Swivel | J7 | Female Seal-Lok™ (ORFS) Swivel - 45° Elbow | J9 | Female Seal-Lok™ (ORFS) Swivel - 90° Elbow | TU | Universal Tube Stub | AL | A-Lok® Compression |
| D6/D6R | 53DM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H6 | 540N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R6 | 540P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HFS | 55LT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HFS2 | 56DH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M8 | 575X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HTB | 580N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HJK | H580N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 560 | 588N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 563 | 1035A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 590 | 1035HT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 593 | 83FR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 510A | B9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 510C | 5CNG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 518C | HLB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 515H | MSH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 520N | PTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 528N | SLH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 526BA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 527BA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | Male Pipe Thread (with hex) - NPTF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02 | Female Pipe Thread - NPT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03 | Male SAE (JIC) 37° Flare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05 | Male Straight Thread w/ O-Ring | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 06 | Female SAE (JIC) 37° Swivel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | Female Pipe Swivel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Male Pipe Swivel - NPTF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | Female SAE (JIC) 37° Swivel - 45° Elbow | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | Female SAE (JIC) 37° Swivel - 90° Elbow | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | Female SAE (JIC) 37° Swivel - 90° Long Elbow | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JC | Female Seal-Lok™ (ORFS) Swivel Short | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FU | Female JIC/BSP 30° Flare Swivel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MU | Metric Female JIC/BSP 30° Flare Swivel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| J0 | Male Seal-Lok™ (ORFS) Rigid Straight w/O-Ring | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GU | Female JIC/BSP Parallel Pipe Swive (60° Cone) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JS | Female Seal-Lok™ (ORFS) Swivel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| J7 | Female Seal-Lok™ (ORFS) Swivel - 45° Elbow | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| J9 | Female Seal-Lok™ (ORFS) Swivel - 90° Elbow | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TU | Universal Tube Stub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AL | A-Lok® Compression | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

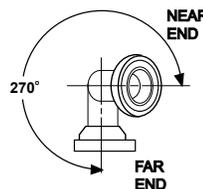
* See pg. E-4 for detailed list of available fitting configurations.

| 12 | Connection Size 1 | 12 | Connection Size 2 | 12 | Hose Size | C | Fitting Material |
|-----|-------------------|-----|-------------------|-----|-----------|--|------------------|
| -2 | 1 1/8 | -2 | 2 1/8 | -2 | = 1/8 | <p>** No Material Designation, Steel</p> <p>C = Stainless Steel</p> <p>B = Brass</p> | |
| -3 | 1 3/16 | -3 | 2 3/16 | -3 | = 3/16 | | |
| -4 | 1 1/4 | -4 | 2 1/4 | -4 | = 1/4 | | |
| -5 | 1 5/16 | -5 | 2 5/16 | -5 | = 5/16 | | |
| -6 | 1 3/8 | -6 | 2 3/8 | -6 | = 3/8 | | |
| -8 | 1 1/2 | -8 | 2 1/2 | -8 | = 1/2 | | |
| -10 | 1 5/8 | -10 | 2 5/8 | -10 | = 5/8 | | |
| -12 | 1 3/4 | -12 | 2 3/4 | -12 | = 3/4 | | |
| -16 | 1 1 | -16 | 2 1 | -16 | = 1 | | |
| -20 | 1 1-1/4 | -20 | 2 1-1/4 | | | | |

| 52 | Overall Length | ## | Displacement Angle |
|----|---------------------|----|--|
| | Expressed in inches | | Specified only if two elbow fittings are used to construct hose assembly.* |

NOTE: Face Seal type fittings are measured from sealing face.

*Starting with either end as the far end, measure the angle clockwise to describe the displacement of the near end.



Parflex PTFE Hoses

Parflex PTFE Hose Assembly Nomenclature



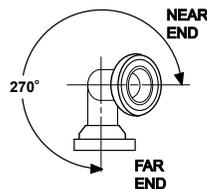
P **919** **06** **39** **06** **06** **06** **C** - **30**

| P Prefix | 919 Hose | 06-39 Fitting Configuration* | | | | | | | | | | | | | | | | | | | | |
|--|--|-------------------------------------|--------------------|-----|------|------|-------|------|---|-----|------|-----|------|---|------|---|------|---|------|---|------|--|
| P – Permanent Crimp (i.e. 91N series) R – Field Attachable (i.e. 90 series) Factory Crimp (i.e. 94 series) | <table border="1"> <thead> <tr> <th>Natural</th> <th>Static Dissipative</th> </tr> </thead> <tbody> <tr><td>919</td><td>919B</td></tr> <tr><td>919J</td><td>929BJ</td></tr> <tr><td>919U</td><td>–</td></tr> <tr><td>929</td><td>929B</td></tr> <tr><td>939</td><td>939B</td></tr> <tr><td>–</td><td>943B</td></tr> <tr><td>–</td><td>944B</td></tr> <tr><td>–</td><td>950B</td></tr> <tr><td>–</td><td>955B</td></tr> </tbody> </table> | Natural | Static Dissipative | 919 | 919B | 919J | 929BJ | 919U | – | 929 | 929B | 939 | 939B | – | 943B | – | 944B | – | 950B | – | 955B | 01 – Male Pipe Thread (with hex) - NPTF 02 – Female Pipe Thread - NPT 03 – Male SAE (JIC) 37° Flare 05 – Male Straight Thread w/ O-Ring 06 – Female SAE (JIC) 37° Swivel 07 – Female Pipe Swivel 37 – Female SAE (JIC) 37° Swivel - 45° Elbow 39 – Female SAE (JIC) 37° Swivel - 90° Elbow 41 – Female SAE (JIC) 37° Swivel - 90° Long Elbow JC – Female Seal-Lok™ (ORFS) Swivel Short FU – Female JIC/BSP 30° Flare Swivel MU – Metric Female JIC/BSP 30° Flare Swivel GU – Female JIC/BSP Parallel Pipe Swive (60° Cone) JS – Female Seal-Lok™ (ORFS) Swivel J7 – Female Seal-Lok™ (ORFS) Swivel - 45° Elbow J9 – Female Seal-Lok™ (ORFS) Swivel - 90° Elbow TU – Universal Tube Stub AL – A-Lok® Compression |
| | Natural | Static Dissipative | | | | | | | | | | | | | | | | | | | | |
| 919 | 919B | | | | | | | | | | | | | | | | | | | | | |
| 919J | 929BJ | | | | | | | | | | | | | | | | | | | | | |
| 919U | – | | | | | | | | | | | | | | | | | | | | | |
| 929 | 929B | | | | | | | | | | | | | | | | | | | | | |
| 939 | 939B | | | | | | | | | | | | | | | | | | | | | |
| – | 943B | | | | | | | | | | | | | | | | | | | | | |
| – | 944B | | | | | | | | | | | | | | | | | | | | | |
| – | 950B | | | | | | | | | | | | | | | | | | | | | |
| – | 955B | | | | | | | | | | | | | | | | | | | | | |

* See pg. E-4 for detailed list of available fitting configurations.

| 06 Connection Size 1 | 06 Connection Size 2 | 06 Hose Size | C Fitting Material | 30 Overall Length | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------------|---------------------|---------------------------|--------------------------|---|------|----|---|-----|----|---|------|----|---|-----|----|---|-----|-----|---|-----|-----|---|-----|-----|---|---|-----|---|-------|-----|---|-------|-----|---|---|---|----|---|-----|----|---|------|----|---|-----|----|---|------|----|---|-----|----|---|-----|-----|---|-----|-----|---|-----|-----|---|---|-----|---|-------|-----|---|-------|-----|---|---|---|----|---|-----|----|---|------|----|---|-----|----|---|------|----|---|-----|----|---|-----|-----|---|-----|-----|---|-----|-----|---|---|-----|---|-------|-----|---|-------|-----|---|---|---|--|
| <table border="1"> <tr><td>-2</td><td>1</td><td>1/8</td></tr> <tr><td>-3</td><td>1</td><td>3/16</td></tr> <tr><td>-4</td><td>1</td><td>1/4</td></tr> <tr><td>-5</td><td>1</td><td>5/16</td></tr> <tr><td>-6</td><td>1</td><td>3/8</td></tr> <tr><td>-8</td><td>1</td><td>1/2</td></tr> <tr><td>-10</td><td>1</td><td>5/8</td></tr> <tr><td>-12</td><td>1</td><td>3/4</td></tr> <tr><td>-16</td><td>1</td><td>1</td></tr> <tr><td>-20</td><td>1</td><td>1-1/4</td></tr> <tr><td>-24</td><td>1</td><td>1-1/2</td></tr> <tr><td>-32</td><td>1</td><td>2</td></tr> </table> | -2 | 1 | 1/8 | -3 | 1 | 3/16 | -4 | 1 | 1/4 | -5 | 1 | 5/16 | -6 | 1 | 3/8 | -8 | 1 | 1/2 | -10 | 1 | 5/8 | -12 | 1 | 3/4 | -16 | 1 | 1 | -20 | 1 | 1-1/4 | -24 | 1 | 1-1/2 | -32 | 1 | 2 | <table border="1"> <tr><td>-2</td><td>2</td><td>1/8</td></tr> <tr><td>-3</td><td>2</td><td>3/16</td></tr> <tr><td>-4</td><td>2</td><td>1/4</td></tr> <tr><td>-5</td><td>2</td><td>5/16</td></tr> <tr><td>-6</td><td>2</td><td>3/8</td></tr> <tr><td>-8</td><td>2</td><td>1/2</td></tr> <tr><td>-10</td><td>2</td><td>5/8</td></tr> <tr><td>-12</td><td>2</td><td>3/4</td></tr> <tr><td>-16</td><td>2</td><td>1</td></tr> <tr><td>-20</td><td>2</td><td>1-1/4</td></tr> <tr><td>-24</td><td>2</td><td>1-1/2</td></tr> <tr><td>-32</td><td>2</td><td>2</td></tr> </table> | -2 | 2 | 1/8 | -3 | 2 | 3/16 | -4 | 2 | 1/4 | -5 | 2 | 5/16 | -6 | 2 | 3/8 | -8 | 2 | 1/2 | -10 | 2 | 5/8 | -12 | 2 | 3/4 | -16 | 2 | 1 | -20 | 2 | 1-1/4 | -24 | 2 | 1-1/2 | -32 | 2 | 2 | <table border="1"> <tr><td>-2</td><td>=</td><td>1/8</td></tr> <tr><td>-3</td><td>=</td><td>3/16</td></tr> <tr><td>-4</td><td>=</td><td>1/4</td></tr> <tr><td>-5</td><td>=</td><td>5/16</td></tr> <tr><td>-6</td><td>=</td><td>3/8</td></tr> <tr><td>-8</td><td>=</td><td>1/2</td></tr> <tr><td>-10</td><td>=</td><td>5/8</td></tr> <tr><td>-12</td><td>=</td><td>3/4</td></tr> <tr><td>-16</td><td>=</td><td>1</td></tr> <tr><td>-20</td><td>=</td><td>1-1/4</td></tr> <tr><td>-24</td><td>=</td><td>1-1/2</td></tr> <tr><td>-32</td><td>=</td><td>2</td></tr> </table> | -2 | = | 1/8 | -3 | = | 3/16 | -4 | = | 1/4 | -5 | = | 5/16 | -6 | = | 3/8 | -8 | = | 1/2 | -10 | = | 5/8 | -12 | = | 3/4 | -16 | = | 1 | -20 | = | 1-1/4 | -24 | = | 1-1/2 | -32 | = | 2 | ** No Material Designation C = Stainless Steel B = Brass (91N) S = All Steel (91N) | Expressed in Inches OAL measured from centerline of fitting seat if elbow fittings are used. NOTE: Face Seal type fittings are measured from sealing face. |
| -2 | 1 | 1/8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -3 | 1 | 3/16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -4 | 1 | 1/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -5 | 1 | 5/16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -6 | 1 | 3/8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -8 | 1 | 1/2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -10 | 1 | 5/8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -12 | 1 | 3/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -16 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -20 | 1 | 1-1/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -24 | 1 | 1-1/2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -32 | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -2 | 2 | 1/8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -3 | 2 | 3/16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -4 | 2 | 1/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -5 | 2 | 5/16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -6 | 2 | 3/8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -8 | 2 | 1/2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -10 | 2 | 5/8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -12 | 2 | 3/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -16 | 2 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -20 | 2 | 1-1/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -24 | 2 | 1-1/2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -32 | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -2 | = | 1/8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -3 | = | 3/16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -4 | = | 1/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -5 | = | 5/16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -6 | = | 3/8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -8 | = | 1/2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -10 | = | 5/8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -12 | = | 3/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -16 | = | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -20 | = | 1-1/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -24 | = | 1-1/2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -32 | = | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| ## Displacement Angle |
|--|
| Specified only if two elbow fittings are used to construct hose assembly.* |



*Starting with either end as the far end, measure the angle clockwise to describe the displacement of the near end.

For detailed ordering information, please consult price list or contact Parflex® Division.



Hose
A

Tubing
B

Air Hose & Fittings
C

Transportation
D

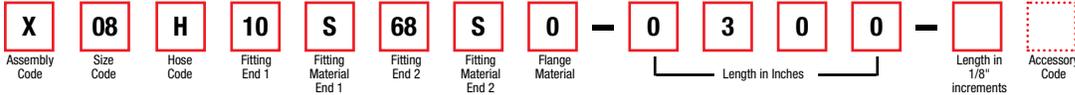
Fittings
E

Tooling, Equipment & Accessories
F

General Technical
G

Parflex PAGE Product Line

PAGE Industrial S30 & S40 Hose Assembly Nomenclature



| Assembly Code | |
|----------------------|----|
| Permanently Attached | X |
| Field Attachable | FA |

| Size Code | |
|-----------|----|
| 1/4" | 05 |
| 5/16" | 06 |
| 13/32" | 08 |
| 1/2" | 10 |
| 5/8" | 12 |
| 7/8" | 16 |
| 1-1/8" | 20 |

| Hose Code | |
|-----------|------|
| S30 | S |
| S30B | SB |
| S40 | H |
| S40B | HB |
| ZS40 | R |
| ZS40B | RB |
| 944B | 944B |
| 955B | 955B |

| Fitting Code | |
|---|----|
| Pipe Thread Fittings | |
| Male Pipe NPT Hex | 10 |
| Male Pipe NPT Step Up | 15 |
| Male Pipe NPT Step Down | 20 |
| Male Union | 11 |
| Male Union 45° | 14 |
| Male Union 90° | 19 |
| Male Union Step Up | 16 |
| Male Union Step Down | 21 |
| Female Pipe NPT Hex | 55 |
| Female Pipe Step Up | 58 |
| Female Pipe Step Down | 59 |
| Female Union | 80 |
| Female Union Step Up | 84 |
| Female Union Step Down | 88 |
| JIC Fittings | |
| JIC Female Swivel | 68 |
| JIC Female 45° Elbow | 66 |
| JIC Female 90° Elbow | 67 |
| SAE Female Swivel | 69 |
| SAE Female 45° Elbow | 70 |
| SAE Female 90° Elbow | 71 |
| JIC Female Step Up | 64 |
| JIC Female Step Down | 65 |
| Tube Stub Fittings | |
| Tube Stub | 91 |
| Tube Stub Step Up | 93 |
| Tube Stub Step Down | 95 |
| SAE Male Compression | 96 |
| Inverted Flare & Power Trim Fittings | |
| Male Straight | 76 |

| Fitting Material | |
|------------------|---|
| Stainless (SS) | S |
| Brass | B |
| Carbon Steel | C |

| Accessory Code | |
|------------------------|---|
| None | |
| Spring Guard | S |
| Armour Guard | A |
| End Bend Restrictors | E |
| Fire Sleeve | F |
| Rubber Sleeve | H |
| FEP Heat Shrink | T |
| Polyolefin Heat Shrink | P |
| Silicone Sleeve | M |
| Internal Spring | I |
| Vacuum Spring Wire | W |
| Specials | X |

Example: X08H10S68S0-0300

Size: 08 (13/32 I.D.) **Style:** S40

Braid: SS Single Braid

Core: Heavy Wall Smoothbore Convuluted PTFE

End 1: 1/2" 316 SS Male NPT

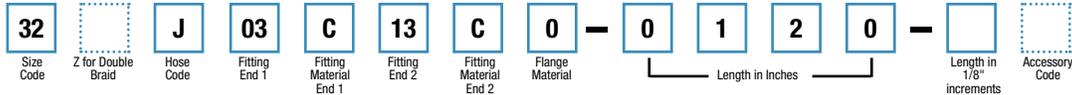
End 2: 1/2" 316 SS Female 37° Seat JIC Swivel

Length: 300" from end of Male Pipe to seat of Female JIC

NOTE: Length calculations for PAGE hose assemblies are typically made sealing surface to sealing surface per the NAHAD Fluoropolymer Hose Assembly Specification Guidelines unless otherwise requested by customer at time of order.

Parflex PAGE Product Line

“True-Bore” & Convoluted Hose Assembly Nomenclature



| Size Code | |
|-----------|----|
| 3/16" | 03 |
| 1/4" | 04 |
| 5/16" | 05 |
| 3/8" | 06 |
| 1/2" | 08 |
| 5/8" | 10 |
| 3/4" | 12 |
| 7/8" | 14 |
| 1" | 16 |
| 1-1/4" | 20 |
| 1-1/2" | 24 |
| 2" | 32 |
| 2-1/2" | 40 |
| 3" | 48 |
| 4" | 64 |

| Hose Code | |
|-----------|-----|
| ACW | A |
| CBV | BV |
| CWV | V |
| KCB | RB |
| KCW | R |
| NCB | MB |
| NCW | M |
| PCB | NB |
| PCBV | PB |
| PCW | N |
| PCWV | P |
| RCTB | GB |
| RCTW | G |
| SBFW | SBF |
| SCB | TB |
| SCBV | JB |
| SCW | T |
| SCWV | J |
| STB | SB |
| STW | S |

| Fitting Code | |
|-----------------------------------|----|
| Industrial Thread | |
| Male Pipe NPT Hex | 03 |
| Female Pipe NPT Hex | 06 |
| Male Pipe NPT Step Down | 13 |
| Male Pipe NPT Step Up | 23 |
| Male Union Step Up | 34 |
| Male Union Step Down | 35 |
| JIC Female Swivel | 30 |
| Male JIC 37° | 31 |
| JIC Female Step Up | 32 |
| Male Union | 33 |
| Female Union | 36 |
| Female NPSH | 27 |
| Female ORFS Swivel | 80 |
| Male ORFS | 81 |
| Male O-Ring Boss | 86 |
| Flanges | |
| Flange Retainer | 05 |
| Flare-Seal® Flange Retainer | 29 |
| Cam Lock | |
| Female Cam Lock | 07 |
| With Locking Handles | 17 |
| Male Cam Lock | 08 |
| Sanitary | |
| Sanitary Tri Clamp | 40 |
| Sanitary Tri Clamp 45° | 4K |
| Sanitary Tri Clamp 90° | 4L |
| Sanitary 1-Step Up | 4A |
| Sanitary 2-Step Up | 4B |
| Sanitary 3-Step Up | 4C |
| Sanitary Flare Seal™ | 4F |
| Sanitary Mini | 42 |
| Sanitary Mini Step Up | 43 |
| I-Line Male | 48 |
| I-Line Female | 49 |
| Bevel Seat Female | 45 |
| Bevel Seat Male | 46 |
| Tube and Vacuum | |
| PAGElok™ Tube Adapter | 38 |
| PAGElok™ Tube Compression Fitting | 39 |
| Special Ends | |
| Standard Cuffed Ends | 90 |
| Non Standard Fitting | 99 |

| Fitting Material | |
|---|---|
| 304 Stainless (SS 304) | 4 |
| 316 Stainless (SS 316) | 6 |
| 316 Stainless (SS 15Ra) Electropolished to 15Ra | E |
| Carbon Steel | C |
| PFA Encapsulated | T |
| Hastelloy | H |
| Monel | M |

| Flange Material | |
|---------------------------|---|
| None | 0 |
| Carbon Steel Epoxy Coated | D |
| 304SS | 4 |
| 316SS | 6 |
| Kynar | K |
| Polypropylene | P |
| Non Standard | X |

| Accessory Code | |
|------------------------|---|
| None | |
| Spring Guard | S |
| Armour Guard | A |
| End Bend Restrictors | E |
| Fire Sleeve | F |
| Rubber Sleeve | H |
| FEP Heat Shrink | T |
| Polyolefin Heat Shrink | P |
| Silicone Sleeve | M |
| Vacuum Spring Wire | W |
| Specials | X |

Example: 32J03C13C0-0120-A
Size: 2" **Style:** SCWV
Braid: 316 SS Single Braid
Core: Heavy Wall Open Pitch Convoluted PTFE
End 1: 2" Male Pipe NPT Hex
End 2: 2" Male Pipe NPT Step Down

Length: 120" from end of Male NPT to end of Male Step Down

NOTE: Length calculations for PAGE hose assemblies are typically made sealing surface to sealing surface per the NAHAD Fluoropolymer Hose Assembly Specification Guidelines unless otherwise requested by customer at time of order.

The part numbering system shows the entire product line offered by the Parker PAGE International business unit. This catalog section only displays a few common hoses. To order items not listed in this catalog, please contact Parker PAGE Customer Service direct at (800) 847-7280 or email pagesales@parker.com.

For detailed ordering information, please consult price list or contact Parflex® Division.



Hose
 A
 Tubing
 B
 Coiled Air Hose & Fittings
 C
 Transportation
 D
 Fittings
 E
 Tooling, Equipment & Accessories
 F
 General Technical
 G

D6 – Hybrid Hose



Features

- Ideally suited for inventory consolidations to cover all SAE 100R1 pressure and many SAE 100R2 pressure requirements.

Certifications

- Exceeds SAE 100R17
- MSHA Accepted

Applications/Markets



- Medium pressure hydraulic applications
- Agricultural Equipment
- Construction Equipment
- Lubricating Oils
- Transportation

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| D604 | 1/4 | 6 | .51 | 13 | 3,000 | 20.7 | 2.00 | 51 | 28 | .12 | .18 | 43**HY*** |
| D606 | 3/8 | 10 | .67 | 17 | 3,000 | 20.7 | 2.50 | 64 | 28 | .19 | .28 | 58/43**/HY*** |
| D608 | 1/2 | 13 | .82 | 21 | 3,000 | 20.7 | 3.50 | 89 | 28 | .29 | .43 | 58/43**/HY*** |
| D610* | 5/8 | 16 | 1.02 | 26 | 3,000 | 20.7 | 4.00 | 102 | 28 | .47 | .70 | 58/HY*** |
| D612* | 3/4 | 19 | 1.20 | 30 | 3,000 | 20.7 | 4.80 | 122 | 28 | .73 | 1.09 | 43**/HY*** |
| D616* | 1 | 25 | 1.50 | 38 | 3,000 | 20.7 | 6.00 | 152 | 28 | 1.01 | 1.50 | 43**/HY*** |

Construction

Tube: Copolyester
 Reinforcement: One or two braids of high tensile steel wire
 Cover: Smooth synthetic rubber

Operating Parameters

Temperature Range:
 -40°F to +250°F (-40°C to +121°C)
 (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
 Change in length at working pressure is +2% to -4%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

58 Series – pg. E-12
 43 Series – (**43 Fittings available from Parker Hose Products Division)
 HY Series – pg. E-107 (**HY Fittings available from Parker Hose Products Division)
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black

Notes

*Two wire braid



D6R – Hybrid Hose



Features

- Long continuous package lengths available
- Up to 40% lighter than comparable rubber hoses
- Wide range of fluid compatibility
- Compact hose construction
- Bend radius less than half of conventional SAE 100R1 & 100R2 hoses
- UV resistant cover
- Low force to flex
- 3,000 psi working pressure

Applications/Markets



- Medium pressure hydraulic applications
- Agricultural Equipment
- Construction Equipment
- Lubricating Oils
- Transportation

Certifications

- ISO 11237 Type R17
- SAE 100R17
- MSHA accepted

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------|--------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | lbs./ft. | kg./m. | |
| # | ⊙ | ⊙ | ⊙ | ⊙ | ↻ | ↻ | ↻ | ↻ | Ⓛ | Ⓚ | Ⓜ |
| D6R04 | 1/4 | 6 | .46 | 12 | 3,000 | 21.0 | 1.5 | 38 | 0.10 | 0.14 | 55/56 |
| D6R05 | 5/16 | 8 | .55 | 14 | 3,000 | 21.0 | 2.25 | 57 | 0.14 | 0.21 | 55/56 |
| D6R06 | 3/8 | 10 | .61 | 16 | 3,000 | 21.0 | 2 | 51 | 0.17 | 0.24 | 55/56 |
| D6R08 | 1/2 | 13 | .76 | 19 | 3,000 | 21.0 | 3 | 76 | 0.26 | 0.37 | 55/56 |
| D6R10 | 5/8 | 16 | .96 | 24 | 3,000 | 21.0 | 3.5 | 89 | 0.42 | 0.62 | 56 |
| D6R12 | 3/4 | 19 | 1.15 | 29 | 3,000 | 21.0 | 4.5 | 114 | 0.70 | 1.04 | 56 |
| D6R16 | 1 | 25 | 1.44 | 37 | 3,000 | 21.0 | 5.5 | 140 | 0.94 | 1.39 | 56 |

Construction

Tube: Copolyester

Reinforcement: Steel wire

Cover: Smooth synthetic rubber

Operating Parameters

Temperature Range:

Petroleum base hydraulic fluids and lubricating oils within a temperature range of -40°F to +250°F (-40°C to +121°C)

Synthetic, synthetic blend, water, and water/oil emulsion hydraulic fluids up to +185°F (+85°C)

Water/glycol hydraulic fluids up to +135°F (+57°C)

Vacuum Rating: 28 inch Hg

Change in Working Length @

Max. Working Pressure: +2/-4%

Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series – pg. E-12

56 Series – pg. E-36

HY* Series – pg. E-107

(HY Fittings available from Parker Hose Products Division)

*HY fittings are only approved on an adjustable crimper

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource

Access instructions are on pg. G-13

Color

- Black

Notes

Reference Parflex Safety Guide in Catalog 4660 for complete guidelines on hose selection and maintenance

For detailed ordering information, please consult price list or contact Parflex® Division.



HFS – Fire-Screen® Hybrid Hose



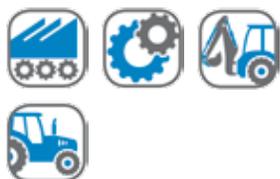
Features

- Excellent flexibility
- Consistent long-lengths
- Lightweight
- Compact design

Certifications

- Exceeds SAE 100R1
- Marine Applications (SAE J1942 listed)
- MSHA Accepted

Applications/Markets



- Used in high temperature (to +250° F), medium pressure hydraulic applications
- Mobile Equipment
- Machine Tools
- Agricultural Equipment

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series | Field Attachable Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|-------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | | |
| # | | | | | | | | | | | | | |
| HFS04 | 1/4 | 6 | .51 | 13 | 3,000 | 20.7 | 2.00 | 51 | 28 | .12 | .18 | 43*/HY** | BA |
| HFS05 | 5/16 | 8 | .59 | 15 | 3,000 | 20.7 | 2.25 | 57 | 28 | .17 | .25 | HY** | – |
| HFS06 | 3/8 | 10 | .67 | 17 | 2,500 | 17.2 | 2.50 | 64 | 28 | .19 | .28 | 58/43*/HY** | BA |
| HFS08 | 1/2 | 13 | .79 | 20 | 2,500 | 17.2 | 3.50 | 89 | 28 | .25 | .37 | 58/43*/HY** | BA |
| HFS12 | 3/4 | 19 | 1.07 | 27 | 1,500 | 10.3 | 5.00 | 127 | 28 | .37 | .55 | 43*/HY** | – |
| HFS16 | 1 | 25 | 1.37 | 35 | 1,250 | 8.6 | 10.00 | 254 | 28 | .53 | .79 | HY** | – |

Construction

Tube: Copolyester
 Reinforcement: One braid of high tensile steel wire
 Cover: Smooth synthetic rubber

Operating Parameters

Temperature Range:
 -40°F to +250°F (-40°C to +121°C)
 (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
 Change in length at Max. Working Pressure: +2% to -4%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

58 Series – pg. E-12
 BA Series – pg. E-99
 43 Series – (*43 Series Fittings available from Parker Hose Products Division)
 HY Series – pg. E-107 (**HY Fittings available from Parker Hose Products Division)
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black



HFSR Hybrid Hose with Rubber Cover



Features

- Long package lengths typical, up to 500 foot
- Increased oil, ozone and impulse resistance
- Up to 40% lighter than comparable rubber hoses
- UV resistant cover
- Low force to flex
- Low length change under pressure
- Patented process that bonds the core to the reinforcement
 - resists kinking
 - resists core wash out

Applications/Markets



- Industrial
- Material Handling
- Construction
- Waste & Refuse
- Utility Equipment
- Paving and road maintenance

Certifications

- Meets or exceeds SAE J517-100R1
- Meets or exceeds ISO Pressure standards

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Burst Pressure | | Minimum Bend Radius | | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|----------|------------------------|----------|---------------------|-----|----------|--------|--------------------------|
| | inch | mm | inch | mm | psi@73°C | MPa@23°F | psi@73°F | MPa@23°C | inch | mm | lbs./ft. | kg./m. | |
| # | | | | | | | | | | | | | |
| HFSR04 | 1/4 | 6 | .46 | 12 | 3,000 | 20.6 | 12,000 | 82.7 | 1-1/2 | 38 | 0.10 | 0.14 | 55/56/HY* |
| HFSR05 | 5/16 | 8 | .52 | 13 | 3,000 | 20.6 | 12,000 | 82.7 | 1-3/4 | 45 | 0.12 | 0.18 | 55/56/HY* |
| HFSR06 | 3/8 | 10 | .61 | 16 | 2,500 | 17.2 | 10,000 | 68.9 | 2 | 51 | 0.17 | 0.25 | 55/56/HY* |
| HFSR08 | 1/2 | 13 | .74 | 19 | 2,500 | 17.2 | 10,000 | 68.9 | 3 | 76 | 0.21 | 0.32 | 55/56/HY* |
| HFSR12 | 3/4 | 19 | 1.02 | 26 | 1,500 | 10.3 | 6,000 | 41.3 | 4-1/4 | 108 | 0.31 | 0.46 | 55/56/HY* |
| HFSR16 | 1 | 25 | 1.31 | 33 | 1,250 | 8.6 | 5,000 | 34.4 | 7-1/2 | 191 | 0.44 | 0.66 | 55/56/HY* |

Construction

Tube: Copolyester
 Reinforcement: Steel wire
 Cover: Smooth synthetic rubber

Operating Parameters

Temperature Range:

Petroleum base hydraulic fluids and lubricating oils within a temperature range of -40°F to +250°F (-40°C to +121°C)

Synthetic, synthetic blend, water, and water/oil emulsion hydraulic fluids up to +185°F (+85°C)

Water/glycol hydraulic fluids up to +135°F (+57°C)

Vacuum Rating: 28 inch Hg

Change in length at Max. Working Pressure: +2% to -4%

Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series - pg. E-12 56 Series - pg. E-36

HY* Series - pg. E-107

*HY fittings are only approved on an adjustable crimper

Crimp information can be found online, for most Parker products, at www.parker.com/crimpsource

HY Series - pg. E-107 (HY Fittings available from Parker Hose Products Division)

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource

Access instructions are on pg. G-13

Color

- Black

Notes

Reference Parflex Safety Guide in Catalog 4660 for complete guidelines on hose selection and maintenance

For detailed ordering information, please consult price list or contact Parflex® Division.



HFS2 – Fire-Screen II® Hybrid Hose



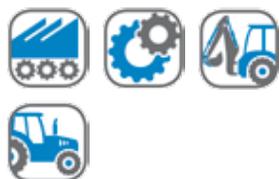
Features

- Excellent flexibility
- Consistent long-lengths
- Lightweight
- Compact design

Certifications

- Meets/Exceeds SAE 100R2 & 100R16
- Marine Applications (SAE J1942 listed)
- MSHA Accepted

Applications/Markets



- Medium pressure hydraulic applications
- Mobile Equipment
- Machine Tools
- Agricultural Equipment

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series | Field Attachable Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|-------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | | |
| # | | | | | | | | | | | | | |
| HFS204* | 1/4 | 6 | .57 | 14 | 5,000 | 34.5 | 2.00 | 51 | 28 | .21 | .31 | 43**/HY*** | BA |
| HFS206 | 3/8 | 10 | .68 | 17 | 4,000 | 27.6 | 2.50 | 64 | 28 | .23 | .34 | 58/43**/HY*** | BA |
| HFS208 | 1/2 | 13 | .82 | 21 | 3,500 | 24.1 | 3.50 | 89 | 28 | .29 | .43 | 58/43**/HY*** | BA |
| HFS210 | 5/8 | 16 | .97 | 25 | 2,750 | 19.0 | 4.00 | 102 | 28 | .38 | .57 | 43**/HY*** | – |
| HFS212 | 3/4 | 19 | 1.10 | 28 | 2,250 | 15.5 | 4.75 | 121 | 28 | .45 | .67 | 43**/HY*** | BA |
| HFS216* | 1 | 25 | 1.45 | 37 | 2,000 | 13.8 | 6.00 | 152 | 28 | .80 | 1.19 | 43**/HY*** | BA |

Construction

Tube: Copolyester
 Reinforcement: One or two braids of high tensile steel wire
 Cover: Smooth synthetic rubber

Operating Parameters

Temperature Range:
 -40°F to +212°F (-40°C to +100°C)
 (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
 Change in length at Max. Working Pressure: +2% to -4%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

58 Series – pg. E-12 BA Series – pg. E-99
 43 Series – (**43 Series Fittings available from Parker Hose Products Division)
 HY Series – pg. E-107 (**HY Fittings available from Parker Hose Products Division) *HY fittings are only approved on an adjustable crimper
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black

Notes

*Two wire braid



HFS2R – Fire-Screen II® Hybrid Hose



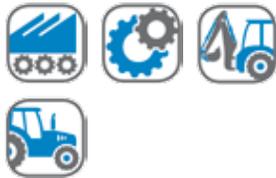
Features

- Excellent flexibility
- Consistent long-lengths
- Lightweight
- Compact design

Certifications

- Meets/Exceeds SAE 100R16
- MSHA Accepted

Applications/Markets



- Medium pressure hydraulic applications
- Mobile Equipment
- Machine Tools
- Agricultural Equipment

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| HFS2R04 | 1/4 | 6 | .54 | 14 | 5,000 | 34.5 | 2.00 | 51 | 28 | .21 | .31 | 55/56 |
| HFS2R06 | 3/8 | 10 | .64 | 16 | 4,000 | 27.6 | 2.50 | 64 | 28 | .23 | .34 | 55/56/HY* |
| HFS2R08 | 1/2 | 13 | .76 | 19 | 3,500 | 24.1 | 3.50 | 89 | 28 | .29 | .43 | 55/56/HY* |
| HFS2R10 | 5/8 | 16 | .93 | 24 | 2,750 | 19.0 | 4.00 | 102 | 28 | .38 | .57 | 55/56/HY* |
| HFS2R12 | 3/4 | 19 | 1.07 | 27 | 2,250 | 15.5 | 4.75 | 121 | 28 | .45 | .67 | 56/HY* |
| HFS2R16 | 1 | 25 | 1.40 | 35 | 2,000 | 13.8 | 6.00 | 152 | 28 | .80 | 1.19 | 56/HY* |

Construction

Tube: Copolyester
 Reinforcement: One or two braids of high tensile steel wire
 Cover: Smooth synthetic rubber

Operating Parameters

Temperature Range:
 -40°F to +212°F (-40°C to +100°C)
 (Limited to +185°F (+85°C) for synthetic hydraulic fluids and water-based fluids)
 Change in length at Max. Working Pressure: +2% to -4%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series – pg. E-12 56 Series – pg. E-36
 HY* Series – pg. E-107
 (HY Fittings available from Parker Hose Products Division)
 *HY fittings are only approved on an adjustable crimper
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black

For detailed ordering information, please consult price list or contact Parflex® Division.



A Hose
 B Tubing
 C Coiled Air Hose & Fittings
 D Transportation
 E Fittings
 F Tooling, Equipment & Accessories
 G General Technical

H6 – High Performance Hydraulic Hose



Features

- Largest temperature range in a medium pressure hydraulic hose
- Low length change capability under pressure
- Ideally suited for inventory consolidations to cover all SAE 100R1 pressure and many SAE 100R2 pressure and abrasion requirements

Certifications

- Exceeds SAE 100R17 Requirements

Applications/Markets



- Medium pressure hydraulic applications
- Over-the-sheave and boom hose applications

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | inch | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| H604 | 1/4 | 6 | .49 | 12 | 3,000 | 20.7 | 2.00 | 51 | 28 | .12 | .18 | 56 |
| H605 | 5/16 | 8 | .56 | 14 | 3,000 | 20.7 | 2.25 | 57 | 28 | .14 | .21 | HY*** |
| H606 | 3/8 | 10 | .65 | 17 | 3,000 | 20.7 | 2.50 | 64 | 28 | .19 | .28 | 56/43** |
| H608 | 1/2 | 13 | .78 | 20 | 3,000 | 20.7 | 3.50 | 89 | 28 | .29 | .43 | 56 |
| H610* | 5/8 | 16 | 1.00 | 25 | 3,000 | 20.7 | 4.00 | 102 | 28 | .47 | .70 | HY*** |
| H612* | 3/4 | 19 | 1.17 | 30 | 3,000 | 20.7 | 4.75 | 121 | 28 | .69 | 1.03 | HY*** |

Construction

Tube: Copolyester
 Reinforcement: One or two braids of high tensile steel wire
 Cover: Abrasion-resistant copolymer

Operating Parameters

Temperature Range:
 (H604 thru H608) -70°F to +250°F (-57°C to +121°C)
 (H610 thru H612) -50°F to +250°F (-45°C to +121°C)
 (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)

Change in length at Max. Working Pressure: +2% to -4%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

56 Series – pg. E-36
 43 Series – (**43 Fittings available from Parker Hose Products Division)
 HY Series – pg. E-107 (**HY Fittings available from Parker Hose Products Division)
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black

Notes

*Two wire braid
 Twin line hose available
 Preformed assemblies



R6 – Abrasion King® Hose



Features

- Excellent abrasion resistance
- Blue plait provides hose identification

Certifications

- Exceeds SAE 100R17 Requirements

Applications/Markets



- Medium pressure hydraulic applications
- Agricultural Equipment

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| R604 | 1/4 | 6 | .53 | 13 | 3000 | 20.7 | 2.00 | 51 | 28 | .11 | .16 | HY*** |
| R606 | 3/8 | 10 | .69 | 18 | 3000 | 20.7 | 2.50 | 64 | 28 | .20 | .30 | 58/HY*** |
| R608 | 1/2 | 13 | .84 | 21 | 3000 | 20.7 | 3.50 | 89 | 28 | .27 | .40 | 58/HY*** |
| R610* | 5/8 | 16 | 1.09 | 28 | 3000 | 20.7 | 4.00 | 102 | 28 | .51 | .76 | HY*** |
| R612* | 3/4 | 19 | 1.24 | 31 | 3000 | 20.7 | 4.75 | 121 | 28 | .71 | 1.06 | HY*** |
| R616* | 1 | 25 | 1.55 | 39 | 3000 | 20.7 | 6.00 | 152 | 28 | 1.00 | 1.49 | 43** |

Construction

Tube: Copolyester

Reinforcement: One or two braids of high tensile steel wire

Cover: Abrasion-resistant nylon fabric

Operating Parameters

Temperature Range:

(R604 thru R610) -50°F to +250°F (-46°C to +121°C)

(R612 thru R616) -50°F to +212°F (-45°C to +100°C)

(Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)

Change in length at Max. Working Pressure: +2% to -4%

Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

58 Series – pg. E-12

43 Series – (**43 Series Fittings available from Parker Hose Products Division)

HY Series – pg. E-107 (**HY Fittings available from Parker Hose Products Division)

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource

Access instructions are on pg. G-13

Colors

- Black

Notes

*Two wire braid

HTB – Eliminator® Hybrid Hose



Features

- Four-spiral wire hose performance in a high tensile two-wire braid construction
- Excellent flexibility
- Consistent long-lengths

Certifications

- Marine Applications (SAE J1942 listed)
- MSHA Accepted

Applications/Markets



- High-pressure hydraulic applications typically reserved for spiral wire reinforced hoses

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| HTB04 | 1/4 | 6 | .62 | 16 | 7,000 | 48.3 | 4.00 | 102 | 28 | .27 | .40 | HY** |
| HTB06 | 3/8 | 10 | .76 | 19 | 5,500 | 37.9 | 6.00 | 152 | 28 | .37 | .55 | 43*** |
| HTB08 | 1/2 | 13 | .90 | 23 | 5,000 | 34.5 | 7.00 | 178 | 28 | .46 | .68 | 43*** |
| HTB10 | 5/8 | 16 | 1.03 | 26 | 4,000 | 27.6 | 8.00 | 203 | 28 | .52 | .77 | 43*** |
| HTB12 | 3/4 | 20 | 1.20 | 30 | 4,000 | 27.6 | 9.50 | 241 | 28 | .73 | 1.09 | 43*** |
| HTB16 | 1 | 25 | 1.50 | 38 | 3,500 | 24.1 | 12.00 | 305 | 28 | 1.01 | 1.50 | 43*** |

Construction

Tube: Copolyester
 Reinforcement: Two braids of high tensile steel wire
 Cover: Smooth synthetic rubber

Operating Parameters

Temperature Range:
 -40°F to +212°F (-40°C to +100°C)
 (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
 Change in working length @ Rated WPSI: +2%/-4%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

43 Series - (**43 Series Fittings available from Parker Hose Products Division)
 HY Series - pg. E-107 (**HY Fittings available from Parker Hose Products Division)
 Crimp information can be found online, for most Parker products, at www.parker.com/crimpsource

Access instructions are on pg. G-13

Colors

- Black

Notes

HTB04 cover must be skived prior to fitting attachment



HTBR – Eliminator® Hybrid Hose



Features

- 3500 psi to 7000 psi working pressures
- Wide range of fluid compatibility
- Compact O.D.
- Low force to flex
- UV & Ozone resistant cover
- Low length change under pressure

Certifications

- MSHA Accepted

Applications/Markets



- General Hydraulic Applications
- Lubricating Oils
- Construction Equipment
- Agriculture Equipment

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------|--------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | lbs./ft. | kg./m. | |
| # | | | | | | | | | | | |
| HTBR4 | 1/4 | 6 | .57 | 14 | 7,000 | 48.2 | 4 | 102 | 0.25 | 0.37 | 43 |
| HTBR6 | 3/8 | 10 | .72 | 18 | 5,500 | 37.9 | 6 | 152 | 0.33 | 0.50 | 43 |
| HTBR8 | 1/2 | 13 | .85 | 21 | 5,000 | 34.4 | 7 | 178 | 0.43 | 0.63 | 43 |
| HTBR10 | 5/8 | 16 | 1.01 | 26 | 4,000 | 27.5 | 8 | 203 | 0.52 | 0.77 | 43 |
| HTBR12 | 3/4 | 19 | 1.16 | 29 | 4,000 | 27.5 | 9-1/2 | 241 | 0.71 | 1.06 | 43 |
| HTBR16 | 1 | 25 | 1.43 | 36 | 3,500 | 24.1 | 12 | 305 | 0.91 | 1.35 | 43 |

Construction

Tube: Copolyester

Reinforcement: Two braids of high tensile steel wire

Cover: Smooth synthetic rubber

Operating Parameters

Temperature Range:

-40°F to +212°F (-40°C to +100°C)

Petroleum base hydraulic fluids and lubricating oils within a temperature range -40°F to +212°F (-40°C to +100°C)

Synthetic, synthetic blend, water, and water/oil emulsion hydraulic fluids up to +185°F (+85°C)

Water/glycol hydraulic fluids up to +135°F (+57°C)

Vacuum Rating: 28 inch Hg

Change in length at Max. Working Pressure: +2% to -4%

Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

43 Series - (43 Series Fittings available from Parker Hose Products Division)

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource

Access instructions are on pg. G-13

Colors

- Black

For detailed ordering information, please consult price list or contact Parflex® Division.

A
Hose

M8 – E-Z FLEX™ Hybrid Hose

B
Tubing



Features

- Four-spiral wire hose performance in a high tensile two-wire braid construction
- Excellent flexibility
- Consistent long-lengths

Certifications

- Meets/Exceeds SAE 100R12
- MSHA Accepted

C
Coiled Air Hose & Fittings

Applications/Markets



- Medium pressure hydraulic applications
- Agricultural Equipment
- Construction Equipment
- Lubricating Oils
- Transportation

D
Transportation

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| M806 | 3/8 | 10 | .76 | 19 | 4,000 | 27.6 | 2.50 | 64 | 28 | .37 | .55 | 43* |
| M808 | 1/2 | 13 | .90 | 23 | 4,000 | 27.6 | 3.50 | 89 | 28 | .46 | .68 | 43* |
| M810 | 5/8 | 16 | 1.07 | 27 | 4,000 | 27.6 | 4.00 | 102 | 28 | .63 | .94 | 43* |

E
Fittings

Construction

Tube: Copolyester
 Reinforcement: Two braids of high tensile steel wire
 Cover: Smooth synthetic rubber

Operating Parameters

Temperature Range:
 -40°F to +250°F (-40°C to +121°C)
 (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
 Change in length at Max. Working Pressure: +2% to -4%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

43 Series – (*43 Series Fittings available from Parker Hose Products Division)

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black

F
Tooling, Equipment & Accessories

G
General Technical



HJK – Highjack® Jackline Hybrid Hose



Features

- 10,000 psi Jack Hose

Certifications

- MSHA Accepted
- Meets I J-100 Requirements

Applications/Markets



- Used for high pressure jackline applications
- Not for high impulse applications

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | |
|-------------|--------------|----|--------------|----|--------------------------|-----|---------------------|-----|----------------------|--------|----------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | inch | lbs./ft. |
| # | | | | | | | | | | | |
| HJK04 | 1/4 | 6 | .62 | 16 | 10,000 | 69 | 4.0 | 102 | 28 | .27 | .40 |

Construction

Tube: Copolyester

Reinforcement: Two braids of High Tensile Wire

Cover: Smooth synthetic rubber

Operating Parameters

Temperature Range:

-40°F to +150°F (-40°C to +65°C)

(Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)

Change in length at Max. Working Pressure: ±2%

Min. Burst Pressure is 3x Max. Working Pressure at 73°F (23°C)

Fittings

HY Series – pg. E-107 (HY Fittings available from Parker Hose Products Division)

Connection configurations limited to:
-Male Pipe (01)

Colors

- Black

Notes

Factory-made assemblies only

560/560R – General Hydraulic Hose



Features

- Twin or multi-line available. Lighter and smaller than 100R1 with longer lengths
- Fast response hose
- Polyurethane cover for best abrasion resistance

Certifications

- Meets/Exceeds SAE 100R1
- MSHA Accepted

Applications/Markets



- Hydraulic circuits and systems wherever 100R1 hose is specified
- Most synthetic hydraulic fluids, water and wide range of chemicals
- Industrial equipment
- Machine Tools

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| 560-3 | 3/16 | 5 | .44 | 11 | 3,500 | 24.1 | 0.75 | 19 | 28 | .07 | .11 | 55/56 |
| 560-4 | 1/4 | 6 | .51 | 13 | 3,250 | 22.4 | 1.75 | 44 | 28 | .10 | .15 | 55/56 |
| 560-5 | 5/16 | 8 | .58 | 15 | 3,000 | 20.7 | 2.00 | 51 | 28 | .12 | .19 | 55 |
| 560-6 | 3/8 | 10 | .65 | 17 | 2,750 | 19.0 | 2.25 | 57 | 28 | .15 | .22 | 55/56 |
| 560-8 | 1/2 | 13 | .81 | 21 | 2,500 | 17.2 | 3.25 | 83 | 28 | .20 | .30 | 55 |
| 560R-8 | 1/2 | 13 | .75 | 19 | 2,500 | 17.2 | 3.00 | 76 | 28 | .19 | .29 | 55/56 |
| 560-10 | 5/8 | 16 | .94 | 24 | 2,000 | 13.8 | 6.00 | 152 | 28 | .30 | .44 | 55/56 |
| 560-12 | 3/4 | 19 | 1.13 | 29 | 1,750 | 12.1 | 7.00 | 178 | 28 | .41 | .61 | 58 |

Construction

Tube: Copolyester
 Reinforcement: High tensile steel wire braid
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +250°F (-40°C to +121°C)
 (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)

Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series – pg. E-12 56 Series – pg. E-36
 58 Series – pg. E-12

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black

Notes

Non-perforated cover



563 – General Hydraulic Hose



Features

- Polyurethane cover for best abrasion resistance

Certifications

- Meets/Exceeds SAE 100R17
- MSHA Accepted

Applications/Markets



- Industrial medium pressure hydraulic hose for use with petroleum, water base and synthetic hydraulic fluids, gases and some solvents and chemical solutions

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| 563-4 | 1/4 | 6 | .49 | 12 | 3,000 | 20.7 | 2.00 | 51 | 28 | .12 | .18 | 55/HY* |
| 563-6 | 3/8 | 10 | .65 | 17 | 3,000 | 20.7 | 2.50 | 64 | 28 | .19 | .28 | 55/HY* |
| 563-8 | 1/2 | 13 | .78 | 20 | 3,000 | 20.7 | 3.50 | 89 | 28 | .29 | .42 | 55/HY* |

Construction

Tube: Copolyester

Reinforcement: High tensile steel wire braid

Cover: Polyurethane

Operating Parameters

Temperature Range:

-40°F to +250°F [212°F for size -8]
(-40°C to +121°C) [100°C for size -8]

(Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)

Change in length at Max. Working Pressure: ±2%

Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series – pg. E-12

HY Series – pg. E-107 (*HY Fittings available from Parker Hose Products Division)

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource

Access instructions are on pg. G-13

Colors

- Black

Notes

Non-perforated cover

For detailed ordering information, please consult price list or contact Parflex® Division.

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd



A-35

Hose
A

Tubing
B

Coiled Air Hose & Fittings
C

Transportation
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590 – General Hydraulic Hose



Features

- Two wire strength, one wire construction, improved bend radius results
- Twin and multi-line available
- Polyurethane cover for best abrasion resistance

Certifications

- Meets/Exceeds SAE 100R2 / 100R16
- MSHA Accepted
- *ABS Approved - 590-4, 590-6, and 590-8

Applications/Markets



- Construction Equipment
- Machine Tools
- Hydrostatic Transmission
- Refuse Vehicles
- Agriculture Equipment

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| | # | | | | | | | | | | | |
| | inch | mm | inch | mm | psi | MPa | inch | mm | inch | lbs./ft. | kg./mtr. | |
| 590-3 | 3/16 | 5 | .44 | 11 | 5,000 | 34.5 | 1.50 | 38 | 28 | .10 | .15 | 55 |
| 590-4* | 1/4 | 6 | .53 | 13 | 5,000 | 34.5 | 1.75 | 44 | 28 | .14 | .21 | 55 |
| 590-6* | 3/8 | 10 | .65 | 17 | 4,000 | 27.6 | 2.25 | 57 | 28 | .20 | .30 | 55/56 |
| 590-8* | 1/2 | 13 | .78 | 20 | 3,500 | 24.1 | 3.25 | 82 | 28 | .26 | .38 | 55/56 |
| 590-10 | 5/8 | 16 | .98 | 25 | 3,000 | 20.7 | 6.00 | 152 | 28 | .39 | .57 | 56/58 |
| 590-12 | 3/4 | 19 | 1.11 | 28 | 2,500 | 17.2 | 7.00 | 178 | 28 | .45 | .67 | 58 |
| 590-16 | 1 | 25 | 1.43 | 36 | 2,000 | 13.8 | 8.00 | 203 | 28 | .59 | .88 | 58 |

Construction

Tube: Copolyester
 Reinforcement: Aramid fiber, high tensile wire braid
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +250°F (-40°C to +121°C)
 (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)

Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series – pg. E-12 56 Series – pg. E-36
 58 Series – pg. E-12
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black

Notes

Non-perforated cover



593 – General Hydraulic Hose



Features

- Works with synthetic hydraulic fluids, water and a range of chemicals
- Two wire strength with one braid flexibility
- Polyurethane cover for best abrasion resistance

Certifications

- Meets/Exceeds SAE 100R2 Pressure Requirements
- MSHA Accepted
- ABS Approved

Applications/Markets



- General Hydraulic Service

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| 593-12 | 3/4 | 20 | 1.10 | 28 | 3000 | 20.7 | 7.00 | 178 | 28 | .47 | .70 | LV |
| 593-16 | 1 | 25 | 1.45 | 37 | 3250 | 22.4 | 8.00 | 203 | 28 | .69 | 1.02 | LV |

Construction

Tube: 12 – Copolyester, 16 – Nylon
 Reinforcement: High tensile steel wire braid
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +250°F (-40°C to +121°C)
 (Size -12 only limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
 Change in length at Max. Working Pressure: ±2%
 Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

LV Series – pg. E-124
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black

Notes

Non-perforated cover



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A
Hose

510A – Refrigerant Hose

B
Tubing



Features

- Excellent impulse life
- Compatible with most common hydraulic and refrigeration fluids

Certifications

- Meets/Exceeds SAE 100R7 except -2
- MSHA Accepted except -4, -5, -6

C
Coiled Air Hose & Fittings

Applications/Markets



- Medium pressure service for both field attachable and permanent fittings
- Used with most common refrigerants

D
Transportation

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series | Field Attachable Series |
|-------------|--------------|------|--------------|------|--------------------------|------|---------------------|------|----------------------|--------|------|--------------------------|-------------------------|
| | # | inch | mm | inch | mm | psi | MPa | inch | | mm | inch | | |
| 510A-2 | 1/8 | 3 | .34 | 9 | 2,500 | 17.2 | 0.50 | 13 | 28 | .03 | .05 | 57 | – |
| 510A-3 | 3/16 | 5 | .43 | 11 | 3,000 | 20.7 | 2.00 | 51 | 28 | .05 | .07 | 55/56 | 51 |
| 510A-4 | 1/4 | 6 | .47 | 12 | 2,750 | 19.0 | 2.50 | 64 | 28 | .05 | .08 | 55/56 | 51 |
| 510A-5 | 5/16 | 8 | .57 | 14 | 2,500 | 17.2 | 3.00 | 76 | 28 | .08 | .12 | 55/56 | 51 |
| 510A-6 | 3/8 | 10 | .64 | 16 | 2,250 | 15.5 | 4.00 | 102 | 28 | .08 | .13 | 55/56 | 51 |
| 510A-8 | 1/2 | 13 | .81 | 21 | 2,000 | 13.8 | 5.50 | 140 | 28 | .13 | .20 | 55/56 | 51 |
| 510A-12 | 3/4 | 19 | 1.10 | 28 | 1,250 | 8.6 | 7.50 | 191 | 28 | .19 | .29 | – | 51 |
| 510A-16 | 1 | 25 | 1.40 | 36 | 1,000 | 6.9 | 10.00 | 254 | 28 | .28 | .41 | – | 51 |

E
Fittings

Construction

Tube: Proprietary nylon blend
 Reinforcement: Fiber
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +212°F (-40°C to +100°C)
 Change in length at Max. Working Pressure: ±3%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

51 Series – pg. E-5 55 Series – pg. E-12
 56 Series – pg. E-36 57 Series – pg. E-58

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black

Notes

Perforated cover
 51 Series field attachable couplings are not intended for use on hose that has previously been in service

F
Tooling, Equipment & Accessories

G
General Technical



510C – General Hydraulic Hose



Features

- Superior abrasion resistance
- Extreme flexibility
- Medium pressure service for permanent and field attachable fittings

Certifications

- Meets/Exceeds SAE 100R7 except -2
- MSHA Accepted except -4

Applications/Markets



- Medium pressure service for both field attachable and permanent fittings
- Used with most common refrigerants

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series | Field Attachable Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|-------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | | |
| # | | | | | | | | | | | | | |
| 510C-2 | 1/8 | 3 | .34 | 9 | 2,500 | 17.2 | 0.50 | 13 | 28 | .03 | .05 | 57 | – |
| 510C-3* | 3/16 | 5 | .43 | 11 | 3,250 | 22.4 | 0.75 | 19 | 28 | .05 | .07 | 55/56 | 51 |
| 510C-4* | 1/4 | 6 | .47 | 12 | 3,000 | 20.7 | 1.50 | 38 | 28 | .05 | .08 | 55/56 | 51 |
| 510C-5 | 5/16 | 8 | .57 | 14 | 2,500 | 17.2 | 1.75 | 44 | 28 | .08 | .11 | 55/56 | 51 |
| 510C-6 | 3/8 | 10 | .64 | 16 | 2,250 | 15.5 | 2.00 | 51 | 28 | .10 | .14 | 55/56 | 51 |
| 510C-8 | 1/2 | 13 | .81 | 21 | 2,250 | 15.5 | 3.00 | 76 | 28 | .15 | .22 | 55/56 | 51 |
| 510C-12 | 3/4 | 19 | 1.09 | 28 | 1,250 | 8.6 | 5.00 | 127 | 28 | .21 | .31 | 55/56 | 51 |
| 510C-16 | 1 | 25 | 1.32 | 34 | 1,000 | 6.9 | 8.00 | 203 | 28 | .27 | .40 | 55/56 | 51 |

Construction

Tube: Copolyester

Reinforcement: Fiber

Cover: Proprietary Blend (PFX)

Operating Parameters

Temperature Range:

-40°F to +212°F (-40°C to +100°C)

(Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)

Change in length at Max. Working Pressure: ±2%

Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

51 Series – pg. E-5

55 Series – pg. E-12

56 Series – pg. E-36

57 Series – pg. E-58

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource

Access instructions are on pg. G-13

Colors

- Black

Notes

Perforated cover

*3/16" and 1/4" working pressure reduced to 3,000 and 2,750 psi respectively when using field attachable couplings

51 Series field attachable couplings are not intended for use on hose that has previously been in service

For detailed ordering information, please consult price list or contact Parflex® Division.



Hose
A
Tubing
B
Coiled Air Hose & Fittings
C
Transportation
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Fittings
E
Tooling, Equipment & Accessories
F
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G

A
Hose

518C – Non-Conductive Hose

B
Tubing



Features

- Twin or multi-line constructions available
- High density braid for maximum impulse life without loss of flexibility

Certifications

- Meets SAE J517 for less than 50 micro-amps leakage under 75,000 volts per ft.
- Meets/Exceeds SAE 100R7 specifications and Electrical Standards except 518C-2 with respect to maximum working pressure
- ANSI A92.2

Applications/Markets



- Medium pressure hydraulic service where both field attachable and permanent hydraulic circuit exposure and contact with high voltage may be encountered

C
Coiled Air Hose & Fittings

D
Transportation

| Part Number | Nominal I.D. | | Maximum O.D. | | ANSI A92.2 Max. Working Pressure | | SAE 100R7 Max. Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series | Field Attachable Series |
|-------------|--------------|----|--------------|----|----------------------------------|------|---------------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|-------------------------|
| | inch | mm | inch | mm | psi | MPa | psi | MPa | inch | mm | inch | lbs./ft. | kg./mtr. | | |
| # | | | | | | | | | | | | | | | |
| 518C-2 | 1/8 | 3 | .34 | 9 | 3,150 | 21.7 | 2,500 | 17.2 | 0.50 | 13 | 28 | .03 | .05 | 57 | – |
| 518C-3* | 3/16 | 5 | .43 | 11 | 3,250 | 22.4 | 3,250 | 20.7 | 0.75 | 19 | 28 | .05 | .07 | 55/56 | 51 |
| 518C-4* | 1/4 | 6 | .47 | 12 | 3,150 | 21.7 | 3,000 | 19.0 | 1.50 | 38 | 28 | .05 | .08 | 55/56 | 51 |
| 518C-5 | 5/16 | 8 | .57 | 14 | 3,150 | 21.7 | 2,500 | 17.2 | 1.75 | 44 | 28 | .08 | .11 | 55/56 | 51 |
| 518C-6 | 3/8 | 10 | .64 | 16 | 3,000 | 20.7 | 2,250 | 15.5 | 2.00 | 51 | 28 | .10 | .14 | 55/56 | 51 |
| 518C-8 | 1/2 | 13 | .81 | 21 | 3,000 | 20.7 | 2,250 | 15.5 | 3.00 | 76 | 28 | .15 | .22 | 55/56 | 51 |
| 518C-12 | 3/4 | 19 | 1.09 | 28 | 1,660 | 11.5 | 1,250 | 8.6 | 5.00 | 127 | 28 | .21 | .31 | 55/56 | 51 |
| 518C-16 | 1 | 25 | 1.32 | 34 | 1,330 | 9.2 | 1,000 | 6.9 | 8.00 | 203 | 28 | .27 | .40 | 55/56 | 51 |

E
Fittings

Construction

Tube: Copolyester
 Reinforcement: Fiber
 Cover: Proprietary Blend (PFX)

Operating Parameters

Temperature Range:
 -40°F to +212°F (-40°C to +100°C)
 (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
 Change in length at Max. Working Pressure: ±2%

Min. Burst Pressure:
 4:1 Design Factor is required if hose failure will result in movement of aerial device
 3:1 Design Factor is acceptable if hose failure will not result in movement of aerial device
 SAE requires 4:1 Design Factor

Colors

- Orange

Fittings

51 Series – pg. E-5 55 Series – pg. E-12
 56 Series – pg. E-36 57 Series – pg. E-58

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Notes

Non-perforated cover
 Lay lines on this hose will have both ANSI and SAE maximum working pressure listed. ANSI A92.2
 “Vehicle Mounted Elevating and Rotating Aerial Devices”

*3/16” and 1/4” working pressure reduced to 3,000 and 2,750 psi respectively when using field attachable couplings

51 Series field attachable couplings are not intended for use on hose that has previously been in service

F
Tooling, Equipment & Accessories

G
General Technical



518D – Non-Conductive Hose



Features

- Nylon core for maximum resistance to permeable fluids.
- Heavier cover for super high abrasion resistance. (518D-4)
- Heavier cover makes splitting bonded hose easier. (518D-4)
- Super high density braid allows smaller braid O.D. (518D-4)
- Twin or multi-line constructions available.

Certifications

- Meets SAE J517 for less than 50 micro-amps leakage under 75,000 volts per ft.
- Meets/Exceeds SAE 100R7 specifications
- ANSI A92.2

Applications/Markets



- Medium pressure hydraulic service
- Aerial Lift

| Part Number | Nominal I.D. | | Maximum O.D. | | ANSI A92.2 Max. Working Pressure 73°F/ 23°C | | SAE 100R7 Max. Working Pressure 73°F/ 23°C | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|------|--------------|------|---|------|--|------|---------------------|------|----------------------|--------|----------|--------------------------|
| | # | inch | mm | inch | mm | psi | MPa | psi | MPa | inch | | mm | lbs./ft. | |
| 518D-2 | 1/8 | 3 | .34 | 9 | 3,150 | 21.7 | 3,000 | 20.7 | 0.50 | 13 | 28 | .03 | .05 | 57 |
| 518D-3 | 3/16 | 5 | .43 | 11 | 3,250 | 22.4 | 3,250 | 22.4 | 0.75 | 19 | 28 | .05 | .07 | 55/56 |
| 518D-4 | 1/4 | 6 | .47 | 12 | 3,150 | 21.7 | 3,000 | 20.7 | 1.50 | 38 | 28 | .06 | .09 | 55/56 |
| 518D-5 | 5/16 | 8 | .57 | 14 | 3,150 | 21.7 | 2,500 | 17.2 | 1.75 | 44 | 28 | .08 | .11 | 55/56 |
| 518D-6 | 3/8 | 10 | .64 | 16 | 3,000 | 20.7 | 2,250 | 15.5 | 2.00 | 51 | 28 | .10 | .14 | 55/56 |
| 518D-8 | 1/2 | 13 | .81 | 21 | 3,000 | 20.7 | 2,250 | 15.5 | 3.00 | 76 | 28 | .15 | .22 | 55/56 |
| 518D-12 | 3/4 | 19 | 1.09 | 28 | 1,660 | 11.5 | 1,250 | 8.6 | 5.00 | 127 | 28 | .21 | .31 | 55 |

Construction

Tube: Nylon
 Reinforcement: High Strength Synthetic Fiber
 Cover: Proprietary Blend (PFX)

Operating Parameters

Temperature Range:
 -40°F to +212°F (-40°C to +100°C)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure:
 4:1 Design Factor is required if hose failure will result in movement of aerial device
 3:1 Design Factor is acceptable if hose failure will not result in movement of aerial device
 SAE requires 4:1 Design Factor

Colors

● Orange

Fittings

55 Series – pg. E-12 56 Series – pg. E-36
 57 Series – pg. E-58 58 Series – pg. E-12

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Notes

Non-perforated cover
 Lay lines on this hose will have both ANSI and SAE maximum working pressure listed. ANSI A92.2 “Vehicle Mounted Elevating and Rotating Aerial Devices”



515H – Compact/Light Weight Hose



Features

- Twin or multi-line available
- Compact OD, light weight, flexible
- Special order colors for system color coding

Certifications

- MSHA Accepted

Applications/Markets



- Hydraulic and pneumatic systems where a small O.D. hose is necessary
- Pilot Lines
- Joystick Controls

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| 515H-3* | 3/16 | 5 | .34 | 9 | 2,175 | 15.0 | 0.75 | 19 | 28 | .03 | .04 | 54 |
| 515H-4 | 1/4 | 6 | .41 | 10 | 2,000 | 13.8 | 1.50 | 38 | 28 | .04 | .05 | 54 |
| 515H-5* | 5/16 | 8 | .49 | 12 | 1,750 | 12.0 | 1.75 | 44 | 28 | .05 | .07 | 54 |
| 515H-6 | 3/8 | 10 | .56 | 14 | 1,500 | 10.3 | 2.00 | 51 | 28 | .05 | .08 | 54 |
| 515H-8* | 1/2 | 13 | .71 | 18 | 1,500 | 10.3 | 3.00 | 76 | 28 | .11 | .16 | 54 |

Construction

Tube: Copolyester
 Reinforcement: Fiber
 Cover: Polyurethane

Fittings

54 Series – pg. E-8
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Operating Parameters

Temperature Range:
 -40°F to +212°F (-40°C to +100°C)
 (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Colors

- Black

Notes

*Factory-made assemblies only -3, -5 and -8
 Approved with rapid assembly fitting system
 Perforated cover



520N/528N – General Hydraulic Hose



Features

- Twin and multi-line available
- Fast response, lighter and smaller O.D. than 100R2 hose

Certifications

- Meets/Exceeds SAE 100R8
- 520N MSHA Accepted
- 528N Meets SAE J517 for less than 50 micro-amps leakage under 75,000 volts per foot

Applications/Markets



- Hydraulic and pneumatic circuits and systems
- Ideal in hot water applications

| Part Number | | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|----------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| # | # | | | | | | | | | | | | |
| Natural | Non-Conductive | inch | mm | inch | mm | psi | MPa | inch | mm | inch | lbs./ft. | kg./mtr. | |
| 520N-3 | 528N-3 | 3/16 | 5 | .43 | 11 | 5,000 | 34.5 | 1.50 | 38 | 28 | .05 | .07 | 55/56 |
| 520N-4 | 528N-4 | 1/4 | 6 | .51 | 13 | 5,000 | 34.5 | 2.00 | 51 | 28 | .07 | .10 | 55/56 |
| 520N-5 | 528N-5 | 5/16 | 8 | .57 | 14 | 4,500 | 31.0 | 2.50 | 64 | 28 | .08 | .12 | 55/56 |
| 520N-6 | 528N-6 | 3/8 | 10 | .65 | 17 | 4,000 | 27.6 | 2.50 | 64 | 28 | .08 | .13 | 55/56 |
| 520N-8 | 528N-8 | 1/2 | 13 | .81 | 21 | 3,500 | 24.1 | 4.00 | 102 | 28 | .14 | .20 | 55/56 |
| 520N-10 | 528N-10 | 5/8 | 16 | .92 | 23 | 2,750 | 19.0 | 6.00 | 152 | 28 | .17 | .25 | 55 |

Construction

Tube: Nylon
 Reinforcement: Aramid fiber
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +212°F (-40°C to +100°C)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series – pg. E-12 56 Series – pg. E-36

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource

Access instructions are on pg. G-13

Colors

- Black
- Orange (Non-Conductive)

Notes

Perforated cover - 520N
 Non-perforated cover - 528N

For detailed ordering information, please consult price list or contact Parflex® Division.



526BA – Breathing Air Refill Hose



Features

- 6000 psi Constant Pressure

Certifications (Complies with:)

- CGA G7.1-1 Grade E Breathing Air Standards
- NFPA 1901

Applications/Markets



- Integrated containment fill stations
- Mobile and stationary systems with or without cascade controls



- Mobile Trailer/Truck Systems
- Portable SCBA Fill

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| 526BA-3 | 3/16 | 5 | .42 | 11 | 6,000 | 41.4 | 1.50 | 38 | 28 | .05 | .07 | 55 |
| 526BA-4 | 1/4 | 6 | .50 | 13 | 6,000 | 41.4 | 2.00 | 51 | 28 | .07 | .10 | 55 |
| 526BA-6 | 3/8 | 10 | .64 | 16 | 6,000 | 41.4 | 3.00 | 76 | 28 | .09 | .13 | 55 |

Construction

Tube: Nylon
 Reinforcement: Aramid fiber
 Cover: Polyurethane

Colors

- Gray

Operating Parameters

Temperature Range:
 -40°F to +180°F (-40°C to +82°C)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Notes

Perforated cover
 Not for use as part of a SCBA systems
 This hose is not for use between a pressure reducing regulator and breathing mask
 For fitting attachment lubricate only with water or non-toxic lubricant. Do not assemble with petroleum or hydrocarbon based lubricants. Do not flush with solvents of any kind
 This hose does not contain a conductive element; therefore, it should not be used with explosive gases such as pure oxygen and hydrogen
 Hose is compliant with CGA Grade E Breathing Air Standards, however air quality is dependent upon all system components

Fittings

55 Series – pg. E-12
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13



527BA – Breathing Air Refill Hose



Features

- 7000 psi constant pressure

Certifications (Complies with:)

- CGA G7.1-1 Grade E Breathing Air Standards
- NFPA 1901

Applications/Markets



- Integrated containment fill stations
- Mobile and stationary systems with or without cascade controls



- Mobile Trailer/Truck Systems
- Portable SCBA Fill

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| 527BA-3 | 3/16 | 5 | .43 | 11 | 7,000 | 48.3 | 1.50 | 38 | 28 | .05 | .07 | 55 |
| 527BA-4 | 1/4 | 6 | .52 | 13 | 7,000 | 48.3 | 2.00 | 51 | 28 | .07 | .11 | 55 |

Construction

Tube: Nylon

Reinforcement: Aramid fiber

Cover: Polyurethane

Operating Parameters

Temperature Range:

-40°F to +180°F (-40°C to +82°C)

Change in length at Max. Working Pressure: ±2%

Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series – pg. E-12

Connection configurations limited to:

- Male Pipe (01)
- Female Pipe (02)
- Male JIC (03, 3E)
- Female JIC Swivel (06, 37, 39, 41, L9)

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource

Access instructions are on pg. G-13

Colors

- Blue

Notes

Perforated cover

Not for use as part of a SCBA systems

This hose is not for use between a pressure reducing regulator and breathing mask

For fitting attachment lubricate only with water or non-toxic lubricant. Do not assemble with petroleum or hydrocarbon based lubricants. Do not flush with solvents of any kind

This hose does not contain a conductive element; therefore, it should not be used with explosive gases such as pure oxygen and hydrogen

Hose is compliant with CGA Grade E Breathing Air Standards, however air quality is dependent upon all system components

53DM/538DM – DuraMax™ Low Temperature



Features

- Matte cover for low coefficient of friction
- Superior flexibility in cold temperature applications
- Better bend radius than SAE J517 and 100R7
- Smaller O.D.s than 100R7 and 100R18
- 3000 psi constant pressure

Certifications

- Meets/Exceeds SAE 100R18
- 538DM Meets SAE J517 for less than 50 micro-amps leakage under 75,000 volts per foot

Applications/Markets



- Excellent over-the-sheave in lift truck applications
- Cold storage or refrigerated areas
- Construction and agriculture equipment in cold climates

| Part Number | | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|----------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| # | # | | | | | | | | | | | | |
| Natural | Non-Conductive | inch | mm | inch | mm | psi | MPa | inch | mm | inch | lbs./ft. | kg./mtr. | |
| 53DM-3 | 538DM-3 | 3/16 | 5 | .43 | 11 | 3,000 | 20.7 | 1.00 | 25 | 28 | .06 | .08 | 55/56 |
| 53DM-4 | 538DM-4 | 1/4 | 6 | .49 | 12 | 3,000 | 20.7 | 1.25 | 32 | 28 | .07 | .10 | 55/56 |
| 53DM-5 | 538DM-5 | 5/16 | 8 | .60 | 15 | 3,000 | 20.7 | 2.00 | 51 | 28 | .10 | .15 | 58/HY* |
| 53DM-6 | 538DM-6 | 3/8 | 10 | .66 | 17 | 3,000 | 20.7 | 2.00 | 51 | 28 | .11 | .16 | 55/56 |
| 53DM-8 | 538DM-8 | 1/2 | 13 | .84 | 21 | 3,000 | 20.7 | 3.50 | 89 | 28 | .17 | .26 | 55/56 |
| 53DM-10 | 538DM-10 | 5/8 | 16 | 1.03 | 26 | 3,000 | 20.7 | 4.00 | 102 | 28 | .22 | .33 | 58 |
| 53DM-12 | - | 3/4 | 19 | 1.13 | 29 | 3,000 | 20.7 | 6.50 | 165 | 28 | .26 | .39 | 58H |

Construction

Tube: Copolyester
 Reinforcement: Fiber
 Cover: Copolyester

Operating Parameters

Temperature Range:
 -70°F to +212°F (-57°C to +100°C)
 For use with water and water-based hydraulic fluids to +135°F (+57°C)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series – pg. E-12 56 Series – pg. E-36
 58 Series – pg. E-12 58H Series – pg. E-61

HY Series – pg. E-107 (*HY Fittings available from Parker Hose Products Division)

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black
- Orange (Non-Conductive)

Notes

Do not use in over-the-sheave applications
 Perforated cover - 53DM
 Non-perforated cover - 538DM



For detailed ordering information, please consult price list or contact Parflex® Division.

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd

540N – General Hydraulic Hose



Features

- Matte cover for low coefficient of friction
- Special order colors
- Twin or multi-line available
- Excellent chemical compatibility
- Greater range of fluid compatibility than SAE 100R1 hose

Certifications

- Meets/Exceeds SAE 100R7
- MSHA Accepted

Applications/Markets



- Hydraulic and pneumatic systems
- Agricultural Spraying
- Polyurethane Foam Mixers
- Fire-resistant Fluid
- Hot Water

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| 540N-2 | 1/8 | 3 | .34 | 9 | 3,000 | 20.7 | 0.50 | 13 | 28 | .03 | .05 | 57 |
| 540N-3 | 3/16 | 5 | .44 | 11 | 3,000 | 20.7 | 0.75 | 19 | 28 | .04 | .06 | 55/56 |
| 540N-4 | 1/4 | 6 | .50 | 13 | 2,750 | 19.0 | 1.50 | 38 | 28 | .07 | .10 | 55/56 |
| 540N-5 | 5/16 | 8 | .58 | 15 | 2,500 | 17.2 | 1.75 | 44 | 28 | .07 | .10 | 55/56 |
| 540N-6 | 3/8 | 10 | .65 | 17 | 2,250 | 15.5 | 2.00 | 51 | 28 | .09 | .13 | 55/56 |
| 540N-8 | 1/2 | 13 | .81 | 21 | 2,000 | 13.8 | 3.00 | 76 | 28 | .13 | .19 | 55/56 |
| 540N-12 | 3/4 | 19 | 1.05 | 27 | 1,250 | 8.6 | 6.00 | 152 | 28 | .17 | .25 | 55/56 |

Construction

Tube: Nylon
 Reinforcement: Fiber
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +212°F (-40°C to +100°C)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series – pg. E-12 56 Series – pg. E-36
 57 Series – pg. E-58

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black

Notes

Perforated cover

For detailed ordering information, please consult price list or contact Parflex® Division.



Hose
A
 Tubing
B
 Coiled Air Hose & Fittings
C
 Transportation
D
 Fittings
E
 Tooling, Equipment & Accessories
F
 General Technical
G

540P – Specialty Water Hose



Features

- Plasticizer free non-leaching core tube
- Low-moisture permeability

Certifications

- Meets/Exceeds SAE 100R7
- Core tube compliant with FDA Title 21

Applications/Markets



- Potable water delivery to remote sites
- Distilled and de-ionized water

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| 540P-4 | 1/4 | 6 | .50 | 13 | 2,750 | 19.0 | 1.25 | 32 | 28 | .05 | .08 | 55/56 |
| 540P-6 | 3/8 | 10 | .65 | 17 | 2,250 | 15.5 | 2.00 | 51 | 28 | .09 | .13 | 55/56 |
| 540P-8 | 1/2 | 13 | .81 | 21 | 2,000 | 13.8 | 3.00 | 76 | 28 | .13 | .19 | 55/56 |
| 540P-12 | 3/4 | 19 | 1.05 | 27 | 1,250 | 8.6 | 5.00 | 127 | 28 | .19 | .28 | 55/56 |

Construction

Tube: Polyethylene
 Reinforcement: Fiber
 Cover: Polyurethane

Fittings

55 Series – pg. E-12 56 Series – pg. E-36
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Operating Parameters

Temperature Range:
 -40°F to +150°F (-40°C to +66°C)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Colors

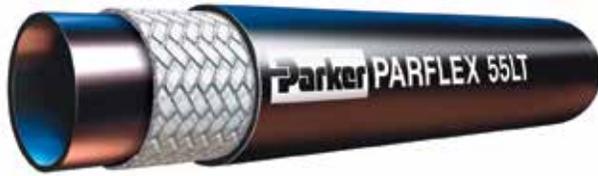
- Aqua

Notes

Perforated cover



55LT – Low Temperature Hose



Features

- Twin and multi-line available
- Superior flexibility in cold temperature applications

Certifications

- Meets/Exceeds SAE 100R7

Applications/Markets



- Hydraulic systems exposed to very low temperatures
- Excellent over-the-sheave in lift truck applications
- Cold storage or refrigerated areas
- Construction and agriculture equipment in cold climates

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| 55LT-2 | 1/8 | 3 | .34 | 9 | 3,000 | 20.7 | 0.50 | 13 | 28 | .03 | .05 | 57 |
| 55LT-3 | 3/16 | 5 | .43 | 11 | 3,250 | 22.4 | 0.75 | 19 | 28 | .05 | .08 | 55/56 |
| 55LT-4 | 1/4 | 6 | .51 | 13 | 3,000 | 20.7 | 1.25 | 32 | 28 | .07 | .10 | 55/56 |
| 55LT-5 | 5/16 | 8 | .57 | 14 | 2,500 | 17.2 | 1.75 | 44 | 28 | .09 | .13 | 55/56 |
| 55LT-6 | 3/8 | 10 | .66 | 17 | 2,250 | 15.5 | 2.00 | 51 | 28 | .10 | .14 | 55/56 |
| 55LT-8 | 1/2 | 13 | .81 | 21 | 2,500 | 17.2 | 3.00 | 76 | 28 | .14 | .21 | 55/56 |
| 55LT-12 | 3/4 | 19 | 1.09 | 28 | 1,250 | 8.6 | 5.00 | 127 | 28 | .21 | .31 | 55 |

Construction

Tube: Copolyester
 Reinforcement: Fiber
 Cover: Copolyester

Operating Parameters

Temperature Range:
 -70°F to +212°F (-57°C to +100°C)
 For use with water and water-based hydraulic fluids to +135°F (+57°C)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series – pg. E-12 56 Series – pg. E-36
 57 Series – pg. E-58

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black

Notes

Perforated cover

For detailed ordering information, please consult price list or contact Parflex® Division.



Hose A
 Tubing B
 Coiled Air Hose & Fittings C
 Transportation D
 Fittings E
 Tooling, Equipment & Accessories F
 General Technical G

56DH/568DH – Diagnostic Hose



Features

- Twin or multi-line available
- Compact O.D.
- Light weight
- Flexible

Certifications

- MSHA Accepted for -2 only

Applications/Markets



- Hydraulic and pneumatic systems where a small O.D. hose is necessary
- Diagnostic hydraulic lines

| Part Number | | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Weight | | Permanent Fitting Series |
|-------------|----------------|--------------|----|--------------|----|--------------------------|------|---------------------|----|----------|----------|--------------------------|
| # | # | ⊙ | | ⊙ | | ↗ | | ↘ | | lbs | kg | ⊗ |
| Natural | Non-Conductive | inch | mm | inch | mm | psi | MPa | inch | mm | lbs./ft. | kg./mtr. | |
| 56DH-1.5 | 568DH-1.5 | .09 | 2 | .20 | 5 | 6,000 | 41.4 | 0.25 | 6 | .02 | .01 | SF |
| 56DH-2 | 568DH-2 | .14 | 4 | .32 | 8 | 6,000 | 41.4 | 0.50 | 13 | .03 | .05 | CY |

Construction

Tube: Nylon
 Reinforcement: Aramid fiber
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +200°F (-40°C to +93°C)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

CY Series – pg. E-101
 SF Series – pg. E-105
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black
- Orange (Non-Conductive)

Notes

Perforated cover - 56DH
 Non-perforated cover - 568DH



569 High Pressure Hydraulic Hose



Features

- 10,000 psi working pressure
- Lightweight aramid fiber construction
- (20-45% lighter than comparable hoses)
- Bonded construction available
- Compact O.D. for improved routing and handling
- Excellent kink resistance

Certifications

- IJ-100 Requirements

Applications/Markets



- Hydraulic tools
- High pressure hydraulics
- High pressure pumps
- Jacking systems
- Emerging markets (Oil & Gas)

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Weight | |
|-------------|--------------|----|--------------|----|--------------------------|----------|---------------------|----|----------|--------|
| | inch | mm | inch | mm | psi@73°F | MPa@23°F | inch | mm | lbs./ft. | kg./m. |
| 569-4 | 1/4 | 6 | .54 | 14 | 10,000 | 69.0 | 2 | 51 | .08 | .122 |

Construction

Tube: Nylon

Reinforcement: Aramid fiber

Cover: Polyurethane

Operating Parameters

Temperature Range:

-40°F to +176°F (-40°C to +80°C)

Vacuum Rating: 28 inch Hg

Change in length at Max. Working Pressure: ±2%

Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

58 Series – pg. E-12

Connection configurations limited to:

- Male Taper Pipe Rigid Straight (10158-4-4, 10158-6-4)
- Metric Swivel Female DIN 20078 Light Series Straight (1C358-8-4)

Fittings (cont.)

- Seal-Lok (O-ring Face Seal) Female Swivel Straight (1JS58-4-4)
- Seal-Lok (O-ring Face Seal) Female Swivel Short Straight (1JC58-4-4)
- Male Straight Thread with O-ring (O-ring Boss) Straight (10558-4-4)

Colors

- Blue

Notes

Not to be used for pneumatic or gaseous service

Not to be used with chlorinated solvents

Factory built assembly only or assembled by Parker certified assembler

Assemblies require bend restrictors (HG569-4) to reduce the risk of exceeding the minimum hose bending radius at the fitting

Warning tag (569-4-TAG) required for all assemblies

Non-perforated cover

For detailed ordering information, please consult price list or contact Parflex® Division.



573X – Fast Response Hose



Features

- Fast response even over longer lengths
- 3000 psi constant pressure

Certifications

- MSHA Accepted -3 only

Applications/Markets



- Marine, offshore drilling
- Applications requiring fast and accurate response time



| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| 573X-3 | 3/16 | 5 | .34 | 9 | 3,000 | 20.7 | 2.00 | 51 | 28 | .03 | .04 | LV |
| 573X-16 | 1 | 25 | 1.46 | 37 | 3,000 | 20.7 | 10.00 | 254 | 28 | .41 | .60 | LV |

Construction

Tube: Nylon

Reinforcement: Aramid fiber

Cover: Polyurethane

Fittings

LV Series – pg. E-124

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource.

Access instructions are on pg. G-13

Operating Parameters

Temperature Range:

-40°F to +200°F (-40°C to +93°C)

Change in length at Max. Working Pressure: ±2%

Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Colors

- Black

Notes

Non-perforated cover

Factory-made assemblies only

575X – Fast Response Hose



Features

- Fast response even over longer lengths
- 5000 psi constant pressure

Certifications

- MSHA Accepted

Applications/Markets



- Marine, offshore drilling
- Applications requiring fast and accurate response time

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| 575X-3 | 3/16 | 5 | .43 | 11 | 5,000 | 34.5 | 1.50 | 38 | 28 | .05 | .07 | 55 |
| 575X-4 | 1/4 | 6 | .51 | 13 | 5,000 | 34.5 | 2.00 | 51 | 28 | .07 | .10 | 55 |
| 575X-6 | 3/8 | 10 | .64 | 16 | 5,000 | 34.5 | 3.00 | 76 | 28 | .09 | .13 | 55 |
| 575X-8 | 1/2 | 13 | .81 | 21 | 5,000 | 34.5 | 4.00 | 102 | 28 | .14 | .21 | 55 |
| 575X-12 | 3/4 | 19 | 1.15 | 29 | 5,000 | 34.5 | 8.00 | 203 | 28 | .24 | .36 | 58H |
| 575X-16 | 1 | 25 | 1.59 | 40 | 5,000 | 34.5 | 10.00 | 254 | 28 | .36 | .54 | 58H |

Construction

Tube: Nylon
 Reinforcement: Fiber
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +212°F (-40°C to +100°C)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series – pg. E-12
 58H Series – pg. E-61
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black

Notes

Non-perforated cover

For detailed ordering information, please consult price list or contact Parflex® Division.



Hose A
 Tubing B
 Coiled Air Hose & Fittings C
 Transportation D
 Fittings E
 Tooling, Equipment & Accessories F
 General Technical G

580N/H580N/588N – High Pressure Hose



Features

- Twin and multi-line available
- Lighter weight and smaller O.D. than 100R2

Certifications

- Meets/Exceeds SAE 100R8 specifications
- 580N MSHA Approved
- 588N Meets SAE J517 for less than 50 micro-amps leakage under 75,000 volts per foot

Applications/Markets



- Hydraulic and pneumatic circuits and systems
- Replaces 100R2 rubber hose wherever greater flexibility, fluid compatibility, and cover durability are required

| Part Number | | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|----------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| # | # | | | | | | | | | | | | |
| Natural | Non-Conductive | inch | mm | inch | mm | psi | MPa | inch | mm | inch | lbs./ft. | kg./mtr. | |
| 580N-4 | 588N-4 | 1/4 | 6 | .62 | 16 | 5,000 | 34.5 | 2.00 | 51 | 28 | .11 | .16 | 58 |
| 580N-6 | 588N-6 | 3/8 | 10 | .77 | 20 | 4,000 | 27.6 | 2.50 | 64 | 28 | .15 | .22 | 58 |
| 580N-8 | 588N-8 | 1/2 | 13 | .89 | 23 | 3,500 | 24.1 | 4.00 | 102 | 28 | .21 | .31 | 56/58 |
| 580N-10 | 588N-10 | 5/8 | 16 | .98 | 25 | 2,750 | 19.0 | 6.00 | 152 | 28 | .21 | .31 | 56/58 |
| 580N-12 | 588N-12 | 3/4 | 19 | 1.15 | 29 | 2,250 | 15.5 | 8.00 | 203 | 28 | .23 | .35 | 56/58 |
| 580N-16 | 588N-16 | 1 | 25 | 1.47 | 37 | 2,000 | 13.8 | 10.00 | 254 | 28 | .38 | .56 | 56/58 |
| H580N-16* | - | 1 | 25 | 1.58 | 40 | 3,000 | 20.7 | 10.00 | 254 | 28 | .53 | .79 | 58H |

Construction

Tube: Nylon
 Reinforcement: Fiber
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +212°F (-40°C to +100°C)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

58 Series – pg. E-12 56 Series – pg. E-36
 58H Series – pg. E-61
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black
- Orange (Non-Conductive)

Notes

Perforated cover - 580N
 *Non-perforated cover -588N, H580N-16



83FR – DuraGard™ General Purpose Polyurethane



Features

- Weld spatter resistant
- Excellent abrasion resistance
- Extreme flexibility
- Compact bend radius
- Specially formulated polyurethane tube
- Twin-line or multi-line constructions available

Certifications

- MSHA Accepted
- Non-conductive per SAEJ343 test procedures for thermoplastic hose
- UL94HB compliant

Applications/Markets



- General purpose air and water hose often used in robotic welding applications

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series | PushLok Fitting* |
|-------------|--------------|----|--------------|----|--------------------------|-----|---------------------|----|----------------------|----------|----------|--------------------------|------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | | |
| # | | | | | | | | | | | | | |
| 83FR-4* | 1/4 | 6 | .48 | 12 | 300 | 2.1 | 1.00 | 25 | 28 | .05 | .07 | 55/56 | 82** |
| 83FR-6 | 3/8 | 10 | .60 | 15 | 300 | 2.1 | 2.00 | 51 | 28 | .08 | .11 | 55/56 | 82** |
| 83FR-8 | 1/2 | 13 | .76 | 19 | 300 | 2.1 | 2.50 | 64 | 28 | .12 | .17 | 55/56 | 82** |
| 83FR-12 | 3/4 | 19 | 1.04 | 26 | 300 | 2.1 | 3.50 | 89 | 28 | .19 | .28 | 55/56 | 82** |

Construction

Tube: Specially formulated polyurethane
 Reinforcement: Fiber
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -20°F to +200°F (-29°C to +93°C)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series – pg. E-12 56 Series – pg. E-36
 82 Series – (**82 Series Fittings available from Parker Hose Products Division)
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black (BLK)
- Blue (BLU)
- Brown (BRN)
- Green (GRN)
- Gray (GRA)
- Red (RED)

Notes

*Temperature and pressure reduced with 82 series
 Push-Lok Fitting:
 -20°F to +145°F (-29°C to +63°C)
 175 psi maximum working pressure
 For -4 hose with 56 series fitting, use die P04J
 Non-perforated cover



Hose
A
 Tubing
B
 Coiled Air Hose & Fittings
C
 Transportation
D
 Fittings
E
 Tooling, Equipment & Accessories
F
 General Technical
G

1035A – Power Cleaning



Features

- Non-marring
- Extremely flexible

Applications/Markets



- Pressure Washers (low pressure)
- Carpet Cleaning

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| 1035A-4 | 1/4 | 6 | .51 | 13 | 1,500 | 10.3 | .63 | 16 | 28 | .08 | .13 | 55 |
| 1035A-6 | 3/8 | 10 | .62 | 16 | 1,200 | 8.3 | .88 | 22 | 28 | .10 | .15 | 55 |

Construction

Tube: Special PFX compound
 Reinforcement: Fiber
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -25°F to +212°F (-32°C to +100°C)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series – pg. E-12
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Blue

Notes

Perforated cover
 No chlorinated solvents should be used
 HBR (Hose Bend Restrictor) suggested for carpet cleaning applications - See Hose Guard in Tooling Equipment and Accessories Section pg. F-18

1035HT – High Temperature Power Cleaning



Features

- Non-marring
- Broad temperature range

Applications/Markets



- Pressure Washers (low pressure)
- Carpet Cleaning

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| 1035HT-3 | 3/16 | 5 | .43 | 11 | 2,000 | 13.8 | 0.75 | 19 | 28 | .04 | .06 | 55 |
| 1035HT-4 | 1/4 | 6 | .50 | 13 | 1,750 | 12.1 | 1.50 | 38 | 28 | .06 | .08 | 55/56 |
| 1035HT-6 | 3/8 | 10 | .65 | 17 | 1,500 | 10.3 | 2.00 | 51 | 28 | .09 | .13 | 55/56 |

Construction

Tube: Nylon
 Reinforcement: Fiber
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +230°F (-40°C to +110°C)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series – pg. E-12 56 Series – pg. E-36
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Yellow

Notes

Perforated cover
 No chlorinated solvents should be used
 HBR (Hose Bend Restrictor) suggested for carpet cleaning applications - See Hose Guard in Tooling Equipment and Accessories Section pg. F-18

B9 - General Purpose Transfer Hose

Features

- Excellent flexibility



Applications/Markets



- Low pressure transmission of air, oil, water, and coolants

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Weight | | Vac. Rating Hg./73°F | Permanent Fitting Series | Field Attachable Series |
|-------------|--------------|----|--------------|----|--------------------------|-----|---------------------|-----|----------|----------|----------------------|--------------------------|-------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | lbs./ft. | kg./mtr. | | | |
| # | | | | | | | | | | | | | |
| B903 | 3/16 | 5 | .39 | 10 | 250 | 1.7 | 1.00 | 25 | .04 | .06 | 28 | 55/56 | - |
| B904 | 1/4 | 6 | .46 | 12 | 250 | 1.7 | 1.50 | 38 | .05 | .07 | 28 | 55/56 | 82* |
| B905 | 5/16 | 8 | .55 | 14 | 250 | 1.7 | 2.00 | 51 | .08 | .12 | 28 | 55/56 | - |
| B906 | 3/8 | 10 | .64 | 16 | 250 | 1.7 | 3.00 | 76 | .09 | .13 | 28 | 55/56 | 82* |
| B908 | 1/2 | 13 | .78 | 20 | 250 | 1.7 | 3.00 | 76 | .13 | .19 | 28 | 55/56 | 82* |
| B910 | 5/8 | 16 | .93 | 24 | 250 | 1.7 | 4.00 | 102 | .20 | .30 | 28 | 55/56/HY*** | 82* |

Construction

Tube: Specially formulated polyurethane
 Reinforcement: Fiber
 Cover: Specially formulated polyurethane

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Red
- Black (BK)

Operating Parameters

Temperature Range:
 -40°F to +200°F (-40° C to +93° C)
 (Limited to +130°F (+54°C) for water and water-based fluids)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Notes

*Temperature and pressure reduced with 82 series
 Push-Lok Fitting:
 -20°F to +100°F (-29°C to +38°C)
 100 psi maximum working pressure
 Non-perforated cover

Fittings

55 Series - pg. E-12 56 Series - pg. E-36
 82 Series - (*82 Series Fittings available from Parker Hose Products Division)
 HY Series - pg. E-107 (**HY Fittings available from Parker Hose Products Division)



CNG – Electrically Conductive Compressed Natural Gas Hose



Features

- Twin constructions available

Certifications

Conforms to:

- NFPA 52
- ANSI/IAS NGV 4.2
- ECE R110 - Sizes -3 and -8 only for assemblies purchased through Parker Polyflex (Europe)
- CSA12.52

Applications/Markets



- CNG Dispenser/Refueling
- Fleet Transit/On-Vehicle
- CNG Fuel Transfer
- At-Home CNG Refueling

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Weight | |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------|----------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | lbs./ft. | kg./mtr. |
| # | | | | | | | | | | |
| 5CNG-3 | 3/16 | 5 | .43 | 11 | 5,000 | 34.5 | 1.50 | 38 | .05 | .07 |
| 5CNG-4 | 1/4 | 6 | .55 | 14 | 5,000 | 34.5 | 2.00 | 51 | .08 | .11 |
| 5CNG-6 | 3/8 | 10 | .65 | 16 | 5,000 | 34.5 | 3.00 | 76 | .09 | .13 |
| 5CNG-8 | 1/2 | 13 | .90 | 23 | 5,000 | 34.5 | 4.00 | 102 | .21 | .31 |
| 5CNG-12 | 3/4 | 19 | 1.15 | 29 | 5,000 | 34.5 | 7.50 | 191 | .24 | .36 |
| 5CNG-16 | 1 | 25 | 1.59 | 40 | 5,000 | 34.5 | 10.00 | 254 | .36 | .53 |

Construction

Tube: Electrically conductive nylon

Reinforcement: Fiber

Cover: Polyurethane

Operating Parameters

Temperature Range:

-40°F to +180°F (-40°C to +82°C)

Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

Factory-made assemblies only

55 Series – pg. E-12 58 Series – pg. E-12

58H Series – pg. E-61

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource

Access instructions are on pg. G-13

Colors

- Red

Notes

Perforated cover

CNG hose must be assembled at the factory or by a Parflex approved facility

Wire spring guards must be used on ANSI/CSA design certified CNG dispenser hose assembly sizes -3 through -8: single and multi-line bonded assemblies - pg. F-21

Accessories

PSG - Wire spring guard

CNGG - Vinyl hose guard

Consult Parflex CAT. 4660 for CNG guard selection

For detailed ordering information, please consult price list or contact Parflex® Division.



HLB – Lubrication Line Hose



Features

- HLB remote lubrication system versus 1/4" rubber hoses can save money per line in reduced component and installation labor costs
- Unique GK bulkhead hose fittings with integrated nipple can save money per zerk connection in unnecessary adapter costs
- Compact 1/8" hoses save hundreds of dollars of waste in your operation by eliminating gallons of unnecessary "in-line" grease versus larger bore rubber hoses

Certifications

- MSHA Accepted

Applications/Markets



- Grease and lubrication lines
- Agriculture
- Construction
- Industrial
- Material Handling
- Mobile Equipment
- Transportation

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series | Field Attachable Series |
|-------------|--------------|-----|--------------|----|--------------------------|------|---------------------|----|----------------------|----------|----------|--------------------------|-------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | | |
| # | | | | | | | | | | | | | |
| HLB02* | 1/8 | 3.2 | .32 | 8 | 3,000 | 20.7 | .50 | 13 | 28 | .03 | .04 | CY | BU |
| HLB03** | 3/16 | 4.8 | .41 | 10 | 3,000 | 20.7 | .75 | 19 | 28 | .06 | .08 | CY | BU |

Construction

Tube: Copolyester
 Reinforcement: Fiber
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +212°F (-40°C to +100°C) with CY fittings
 (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
 BU Series Field Attachable Fitting limited to 120°F
 Change in length at Max. Working Pressure: ±3%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

BU Series – pg. E-100
 CY Series – pg. E-101
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black

Notes

Not for use as a whip hose on hand-operated grease guns
 Bend restrictions are available only for permanent fittings.
 HBR (Hose Bend Restrictor) available for Marine Steering Hose Assemblies. See Hose Guard in Tooling Equipment and Accessories Section pg. F-18
 *HLB-2 - Guard P.N. CY02-652317
 **HLB-3 - Guard P.N. 3PSG-4



MSH – Marine Steering Fast Response Hose



Features

- Fast, accurate response
- Permanent or field attachable
- Salt water, corrosion resistant

Applications/Markets



- Wide range of marine applications
- Marine hydraulic steering systems

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series | Field Attachable Series |
|-------------|--------------|----|--------------|----|--------------------------|-----|---------------------|----|----------------------|----------|----------|--------------------------|-------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | | |
| # | | | | | | | | | | | | | |
| MSH-5 | 5/16 | 8 | .48 | 12 | 1,000 | 6.9 | 2.25 | 57 | 28 | .05 | .07 | MS | MS |
| MSH-6 | 3/8 | 10 | .59 | 15 | 1,000 | 6.9 | 3.00 | 76 | 28 | .07 | .11 | MS | MS |

Construction

Tube: Nylon
 Reinforcement: Fiber
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +200°F (-40°C to +93°C)
 (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)

Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

MS Series – pg. E-125
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Black

Notes

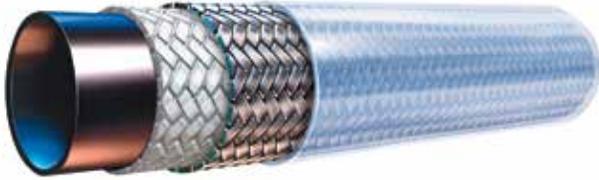
Non-perforated cover
 Bend restrictions are available only for permanent fittings.
 HBR (Hose Bend Restrictor) available for Marine Steering Hose Assemblies. See Hose Guard in Tooling Equipment and Accessories Section pg. F-18

For detailed ordering information, please consult price list or contact Parflex® Division.



Hose
A
 Tubing
B
 Coiled Air Hose & Fittings
C
 Transportation
D
 Fittings
E
 Tooling, Equipment & Accessories
F
 General Technical
G

PTH – Marine Power Tilt Hose



Features

- Compact design
- Abrasion resistant polyurethane cover
- Excellent flexibility
- Corrosion resistant

Applications/Markets



- Power tilt mechanisms for outboard and stern drive engines
- Trim Tab assemblies
- Jack Plate assemblies

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Vac. Rating Hg./73°F | Minimum Bend Radius | | | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|----------------------|---------------------|------|-----|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | | inch | inch | mm | lbs./ft. | kg./mtr. | |
| PTH-3 | 3/16 | 5 | .43 | 11 | 3,000 | 20.7 | 28 | 0.75 | 19 | .08 | .11 | 92 | |

Construction

Tube: Nylon
 Reinforcement: Fiber and Stainless Steel braid
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +212°F (-40°C to +100°C)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

92 Series – pg. E-85
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Clear

Notes

Non-perforated cover
 Also available as custom order with black cover



S5N – Predator® Hose (Water Jetting/Lateral Cleaning)



Features

- Easily identified lime green cover signifies 4000 psi constant pressure
- Slim profile and light weight provide easy handling and routing

Certifications

- NSWMA (National Solid Waste Management Assoc.)
- WASTEC (Waste Equipment Technology Assoc.)
- WEMI (Waste Equipment Management Inst.)
- Specifications for repair/inspection procedures for high pressure hose used in conjunction with sewer/catch basin cleaning equipment

Applications/Markets



- High-pressure water equipment for cleaning or debris removal in lateral sewer lines
- Lines provide connection from commercial, industrial or residential structure to the main sewer line located under the streets
- Lateral lines are smaller in diameter than the main lines, and rely more on water pressure than water volume to clear residue and obstructions
- For water/slurry applications, contact Parflex for chemical compatibility recommendations

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|-----|---------------------|-----|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | lbs./ft. | kg./mtr. | |
| S508N | 1/2 | 13 | .81 | 21 | 4000 | 28 | 4.00 | 102 | .16 | .24 | 55/56 |

Construction

Tube: Gray Copolyester
 Reinforcement: Aramid Fiber
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +135°F for water (-40°C to +57°C)
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series – pg. E-12 56 Series – pg. E-36
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Green

Notes

Factory-made assemblies only
 Not for use in hydraulic applications
 Perforated cover



A Hose
 B Tubing
 C Coiled Air Hose & Fittings
 D Transportation
 E Fittings
 F Tooling, Equipment & Accessories
 G General Technical

S6 – Predator® Hose (Sewer Cleaning)



Features

- Easily identified orange cover signifies 2500 psi constant pressure
- Bonded construction provides excellent kink resistance and flexibility

Certifications

- NSWMA (National Waste Management Assoc.)
- WASTEC (Waste Equipment Technology Assoc.)
- WEMI (Waste Equipment Management Inst.)
- Specifications for repair/inspection procedures for high pressure hose used in conjunction with sewer/catch basin cleaning equipment

Applications/Markets



- High-pressure and high-volume water equipment for cleaning or debris removal in large sewer lines
- For water/slurry applications, contact Parflex for chemical compatibility recommendations

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | |
| S612 | 3/4 | 19 | 1.14 | 29 | 2,500 | 17.2 | 4.00 | 102 | .29 | .43 | 58/SQ/HY* |
| S616 | 1 | 25 | 1.41 | 36 | 2,500 | 17.2 | 6.00 | 152 | .38 | .57 | 58/SQ/HY* |

Construction

Tube: Gray Copolyester, S624 – Gray Nylon
 Reinforcement: Fiber
 Cover: Polyurethane

Colors

- Orange

Operating Parameters

Temperature Range:

-40°F to +135°F (-40°C to +57°C)

Min. Burst Pressure is 2.5x Max. Working Pressure at 73°F (23°C)

Notes

Factory-made assemblies only

All standard assembly lengths coupled with rigid male pipe each end

Not for use in hydraulic applications

Perforated cover - S612, S616

Fittings

58 Series – pg. E-12

SQ Series (Swage Only)– pg. E-127

HY Series – pg. E-107 (*HY Fittings available from Parker Hose Products Division)

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource

Access instructions are on pg. G-13



S9 – Predator® Hose (Sewer Cleaning)



Features

- Easily identified blue cover signifies 3000 psi constant pressure
- Bonded construction provides excellent kink resistance and flexibility

Certifications

- NSWMA (National Solid Waste Management Assoc.)
- WASTEC (Waste Equipment Technology Assoc.)
- WEMI (Waste Equipment Management Inst.)
- Specifications for repair/inspection procedures for high pressure hose used in conjunction with sewer/catch basin cleaning equipment

Applications/Markets



- High-pressure and high-volume water equipment for cleaning or debris removal in large sewer lines
- For water/slurry applications, contact Parflex for chemical compatibility recommendations

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | |
| S912 | 3/4 | 19 | 1.15 | 29 | 3,000 | 20.7 | 4.00 | 102 | .30 | .45 | 58/SQ/HY* |
| S916 | 1 | 25 | 1.47 | 37 | 3,000 | 20.7 | 8.00 | 203 | .46 | .68 | 58/SQ/HY* |

Construction

Tube: Gray Copolyester
 Reinforcement: Fiber
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +135°F for water (-40°C to +57°C)
 Min. Burst Pressure is 2.5x Max. Working Pressure at 73°F (23°C)

Fittings

58 Series – pg. E-12
 SQ Series (Swage Only)– pg. E-127
 HY Series – pg. E-107 (*HY Fittings available from Parker Hose Products Division)
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Blue

Notes

Factory-made assemblies only
 All standard assembly lengths coupled with rigid male pipe each end
 Not for use in hydraulic applications
 Perforated cover

For detailed ordering information, please consult price list or contact Parflex® Division.



Hose
 A
 Tubing
 B
 Coiled Air Hose & Fittings
 C
 Transportation
 D
 Fittings
 E
 Tooling, Equipment & Accessories
 F
 General Technical
 G

SLH – Sewer Leader Hose



Features

- Easily identified black cover indicates termination of hose

Certifications

- NSWMA (National Solid Waste Management Assoc.)
- WASTEC (Waste Equipment Technology Assoc.)
- WEMI (Waste Equipment Management Inst.)

Applications/Markets



- Leader hose for S5/S6/S9 high-pressure sewer cleaning hose

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| SLH-8 | 1/2 | 13 | 0.77 | 20 | 4,000 | 27.6 | 3.50 | 89 | 28 | .25 | .37 | 58/HY* |
| SLH-10 | 5/8 | 16 | 0.95 | 24 | 4,000 | 27.6 | 4.00 | 102 | 28 | .38 | .57 | HY* |
| SLH-12 | 3/4 | 19 | 1.08 | 27 | 3,000 | 20.7 | 4.80 | 122 | 28 | .45 | .67 | HY* |
| SLH-16 | 1 | 25 | 1.43 | 36 | 3,000 | 20.7 | 6.00 | 152 | 28 | .80 | 1.19 | HY* |

Construction

Tube: Gray Copolyester

Reinforcement: Wire

Cover: Smooth synthetic rubber

Operating Parameters

Temperature Range:

-40°F to +150°F (-40°C to +66°C)

Min. Burst Pressure is 2.5x Max. Working Pressure at 73°F (23°C)

Fittings

58 Series – pg. E-12

HY Series – pg. E-107 (*HY Fittings available from Parker Hose Products Division)

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource

Access instructions are on pg. G-13

Colors

- Black

Notes

Factory-made assemblies only

Not for use in hydraulic applications

Perforated cover

Duraflex™ Hydraulic Hose Coil



Features

- Bonded twin-line construction
- Self retracting coil design

Certifications

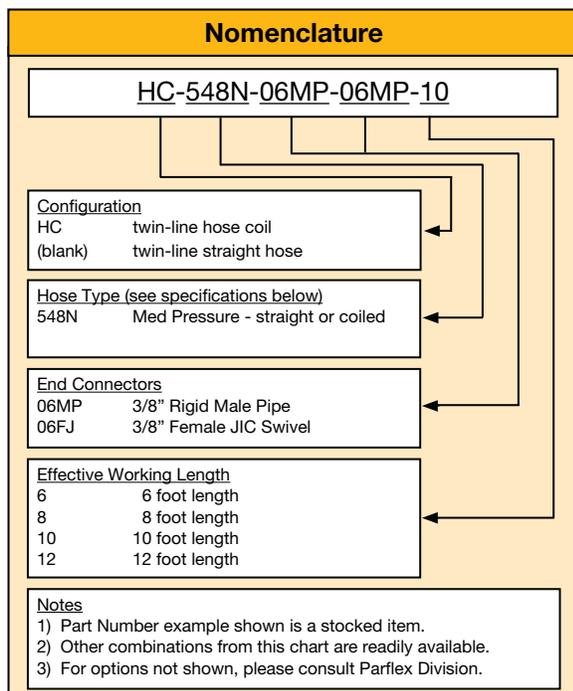
- Meets/Exceeds SAE 100R7
- Meets SAE J517 for less than 50 micro-amps leakage under 75,000 volts per foot

Applications/Markets



- Hydraulic tool hose for aerial lift applications
- General Hydraulics

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| 548N-6 | 3/8 | 10 | .65 | 17 | 2,250 | 15.5 | 2.00 | 51 | 28 | .09 | .13 | 55/56 |



Construction

Tube: Nylon
 Reinforcement: Fiber
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +212°F (-40°C to +100°C)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series – pg. E-12 56 Series – pg. E-36
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Orange (Non-Conductive)

Notes

Non-perforated cover

For detailed ordering information, please consult price list or contact Parflex® Division.



A Hose
 B Tubing
 C Coiled Air Hose & Fittings
 D Transportation
 E Fittings
 F Tooling, Equipment & Accessories
 G General Technical

919/919B – PTFE Hose



Features

- Excellent chemical compatibility
- Handles extreme temperatures to +450°F
- Environmentally safe
- Resists moisture
- Low friction minimizes pressure drops and deposits

Certifications

- Meets/Exceeds SAE 100R14A - 919
- Meets/Exceeds SAE 100R14B - 919B
- FDA CFR 177.1550 (Natural tube)

Applications/Markets



- Chemical Transfer Lines
- General Hydraulics
- Compressed Air/Gases
- Adhesive Dispensing
- Coolant Lines
- Medical Gases

| Part Number | | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series | Field Attachable Series |
|-------------|------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|-------------------------|
| # | # | | | | | | | | | | | | | |
| Natural | Conductive | inch | mm | inch | mm | psi | MPa | inch | mm | inch | lbs./ft. | kg./mtr. | | |
| 919-3 | - | 1/8 | 3 | .25 | 6 | 3,000 | 20.7 | 1.50 | 38 | 28 | .04 | .06 | 91 | - |
| 919-4 | 919B-4 | 3/16 | 5 | .32 | 8 | 3,000 | 20.7 | 2.00 | 51 | 28 | .06 | .09 | 91N | 90 |
| 919-5 | 919B-5 | 1/4 | 6 | .38 | 10 | 3,000 | 20.7 | 3.00 | 76 | 28 | .09 | .13 | 91N | 90 |
| 919-6 | 919B-6 | 5/16 | 8 | .44 | 11 | 2,500 | 17.2 | 4.00 | 102 | 28 | .10 | .15 | 91N | 90 |
| 919-8 | 919B-8 | 13/32 | 10 | .53 | 13 | 2,000 | 13.8 | 5.00 | 127 | 28 | .13 | .19 | 91N | 90 |
| 919-10 | - | 1/2 | 13 | .63 | 16 | 1,500 | 10.3 | 6.50 | 165 | 28 | .15 | .22 | 91N | 90 |
| 919-12 | - | 5/8 | 16 | .75 | 19 | 1,200 | 8.3 | 7.50 | 191 | 12 | .19 | .28 | 91N | 90 |
| 919-16 | - | 7/8 | 22 | 1.03 | 26 | 1,000 | 6.9 | 9.00 | 229 | 14 | .27 | .40 | 91N | 90 |
| 919-20 | - | 1-1/8 | 29 | 1.28 | 33 | 625 | 4.3 | 16.00 | 406 | 10 | .39 | .58 | 91 | 90 |

Construction

Tube: 919 - Natural FDA Compliant PTFE
 919B - Black Static-Dissipative PTFE
 Reinforcement: 304 Stainless Steel braid

Operating Parameters

Temperature Range:
 -100°F to +450°F (-73°C to +232°C)
 Change in length at Max. Working Pressure: +2% to -4%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

90 Series – pg. E-65
 91/91N Series – pg. E-72
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Notes

Use hose type 919B with static-dissipative core tube when conveying non-conducting fluids such as oils, paints, fuels, steam, etc.

919J – Silicone Covered PTFE Hose



Features

- Silicone cover provides a clean, smooth cover to protect the stainless steel wire reinforcement against wear, fraying and contaminants
- Steam cleanable

Certifications

- Meets/Exceeds SAE 100R14A
- FDA CFR 177.1550

Applications/Markets



- Chemical Transfer Lines
- General Hydraulics
- Compressed Air/Gases
- Adhesive Dispensing
- Coolant Lines
- Medical Gases

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| 919J-4-RED | 3/16 | 5 | .45 | 11 | 3,000 | 20.7 | 2.00 | 51 | 28 | .12 | .18 | 91N |
| 919J-5-RED | 1/4 | 6 | .52 | 13 | 3,000 | 20.7 | 3.00 | 76 | 28 | .14 | .21 | 91N |
| 919J-6-RED | 5/16 | 8 | .58 | 15 | 2,500 | 17.2 | 4.00 | 102 | 28 | .17 | .25 | 91N |
| 919J-8-RED | 13/32 | 10 | .68 | 17 | 2,000 | 13.8 | 5.00 | 127 | 28 | .20 | .30 | 91N |
| 919J-10-RED | 1/2 | 13 | .78 | 20 | 1,500 | 10.3 | 6.50 | 165 | 28 | .24 | .35 | 91N |
| 919J-12-RED | 5/8 | 16 | .91 | 23 | 1,200 | 8.3 | 7.50 | 191 | 12 | .29 | .43 | 91N |

Construction

Tube: Natural FDA compliant PTFE
 Reinforcement: 304 Stainless Steel braid
 Cover: Extruded silicone

Operating Parameters

Temperature Range:
 -40°F to +450°F (-40°C to +232°C)
 Change in length at Max. Working Pressure: +2% to -4%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

91N Series - pg. E-72
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Colors

- Red

Notes

Cover must be skived prior to fitting attachment

919U – High Abrasion Resistance PTFE Hose



Features

- Non-Marring, abrasion resistant polyurethane cover protects the stainless steel wire reinforcement against wear, fraying and contaminants

Certifications

- Meets/Exceeds SAE 100R14A but operates at a temperature range of -40°F to +275°F
- FDA CFR 177.1550

Applications/Markets



- Chemical Transfer Lines
- General Hydraulics
- Compressed Air/Gases
- Adhesive Dispensing
- Coolant Lines
- Medical Gases

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | |
| 919U-4 | 3/16 | 5 | .37 | 9 | 3,000 | 20.7 | 2.00 | 51 | 28 | .08 | .13 | 91N |
| 919U-6 | 5/16 | 8 | .51 | 13 | 2,500 | 17.2 | 4.00 | 102 | 28 | .13 | .20 | 91N |
| 919U-8 | 13/32 | 10 | .61 | 15 | 2,000 | 13.8 | 5.00 | 127 | 28 | .15 | .22 | 91N |
| 919U-12 | 5/8 | 16 | .84 | 21 | 1,200 | 8.3 | 7.50 | 191 | 12 | .22 | .33 | 91N |
| 919U-16 | 7/8 | 22 | 1.12 | 28 | 1,000 | 6.9 | 9.00 | 229 | 14 | .31 | .47 | 91N |

Construction

Tube: Natural FDA compliant PTFE
 Reinforcement: 304 Stainless Steel braid
 Cover: Polyurethane

Fittings

91N Series – pg. E-72
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Operating Parameters

Temperature Range:
 -40°F to +275°F (-40°C to +135°C)
 Change in length at Max. Working Pressure: +2% to -4%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Colors

- Black

Notes

Cover must be skived prior to fitting attachment
 Other colors available upon request

929/929B – Heavy Wall PTFE Hose



Features

- Tight bend radius
- Excellent kink resistance
- Enhanced resistance to gas permeation due to increased PTFE wall thickness (.040")

Certifications

- Meets/Exceeds SAE 100R14A - 929
- Meets/Exceeds SAE 100R14B - 929B
- FDA CFR 177.1550 (Natural tube)

Applications/Markets



- Chemical Transfer Lines
- General Hydraulics
- Compressed Air/Gases
- Adhesive Dispensing
- Coolant Lines
- Medical Gases
- 919 (100R14) hose applications requiring tight routings

| Part Number | | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| # | # | | | | | | | | | | | | |
| Natural | Conductive | inch | mm | inch | mm | psi | MPa | inch | mm | inch | lbs./ft. | kg./mtr. | |
| 929-4 | 929B-4 | 3/16 | 5 | .34 | 9 | 3,000 | 20.7 | 2.00 | 51 | 28 | .08 | .12 | 91N |
| 929-6 | 929B-6 | 5/16 | 8 | .47 | 12 | 2,500 | 17.2 | 4.00 | 102 | 28 | .12 | .18 | 91N |
| 929-8 | 929B-8 | 13/32 | 10 | .59 | 15 | 2,000 | 13.8 | 4.60 | 117 | 28 | .16 | .23 | 91N |
| - | 929B-12 | 5/8 | 16 | .81 | 21 | 1,200 | 8.3 | 6.50 | 165 | 12 | .19 | .28 | 91N |
| - | 929B-16 | 7/8 | 22 | 1.14 | 29 | 1,250 | 8.6 | 7.40 | 188 | 12 | .49 | .73 | 91N |

Construction

Tube: 929 - Natural FDA Compliant PTFE
 929B - Black Static-Dissipative PTFE
 Reinforcement: 304 Stainless Steel braid

Operating Parameters

Temperature Range:
 -100°F to +450°F (-73°C to +232°C)
 Change in length at Max. Working Pressure: +2% to -4%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

91N Series – pg. E-72
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Notes

Use hose type 929B with static-dissipative core tube when conveying non-conducting fluids such as oils, paints, fuels, steam, etc.

929BJ – Silicone Covered PTFE Hose (with Static-Dissipative Tube)



Features

- Silicone cover protects SS wire reinforcement against wear and fraying, up to 450°F
- Silicone cover provides clean, smooth cover and prevents contaminants from accumulating in braid
- Tight bend radius
- Excellent kink resistance
- Enhanced resistance to gas permeation due to increased PTFE wall thickness
- Steam cleanable

Applications/Markets



- Vacuum lines for high temperature autoclaves
- General Hydraulics
- Compressed Air/Gases

| Part Number | Nominal I.D. | | Maximum O.D. | | Tube Wall | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|----|-----------|------|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| | inch | mm | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. | |
| # | | | | | | | | | | | | | | |
| 929BJ-4 | 3/16 | 5 | .58 | 15 | .040 | 1.02 | 3,000 | 20.7 | 2.00 | 51 | 28 | .17 | .25 | 91N |
| 929BJ-6 | 5/16 | 8 | .70 | 18 | .040 | 1.02 | 2,500 | 17.2 | 4.00 | 102 | 28 | .23 | .34 | 91N |
| 929BJ-8 | 13/32 | 10 | .81 | 20 | .044 | 1.12 | 2,000 | 13.8 | 4.60 | 117 | 28 | .29 | .43 | 91N |

Construction

Tube: Black static-dissipative PTFE
 Reinforcement: 304 Stainless Steel braid
 Cover: Silicone cover

Fittings

91N Series – pg. E-72
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Operating Parameters

Temperature Range:
 -65°F to +450°F (-54°C to +232°C)
 Change in length at Max. Working Pressure: +2% to -4%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Colors

● Brown

Notes

Cover must be skived prior to fitting attachment



939/939B – Convoluted PTFE Hose



Features

- Excellent flexibility
- Exceptional kink resistance

Certifications

- FDA CFR 177.1550 (Natural tube)

Applications/Markets



- Chemical Transfer
- General Hydraulics
- Hose applications requiring tight routings

| Part Number | | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|--------------------------|
| # | # | | | | | | | | | | | | |
| Natural | Conductive | inch | mm | inch | mm | psi | MPa | inch | mm | inch | lbs./ft. | kg./mtr. | |
| 939-6 | 939B-6 | 3/8 | 10 | .59 | 15 | 1,500 | 10.3 | 2.25 | 57 | 28 | .12 | .18 | 93N |
| 939-8 | 939B-8 | 1/2 | 13 | .79 | 20 | 1,350 | 9.3 | 2.88 | 73 | 28 | .21 | .31 | 93N |
| 939-10 | 939B-10 | 5/8 | 16 | .88 | 22 | 1,000 | 6.9 | 3.00 | 76 | 28 | .24 | .36 | 93N |
| 939-12 | 939B-12 | 3/4 | 19 | 1.09 | 28 | 1,100 | 7.6 | 3.75 | 95 | 28 | .32 | .47 | 93N |
| 939-16 | 939B-16 | 1 | 25 | 1.33 | 34 | 1,000 | 6.9 | 5.00 | 127 | 28 | .45 | .67 | 93N |
| 939-20 | 939B-20 | 1-1/4 | 32 | 1.75 | 44 | 1,000 | 6.9 | 6.25 | 159 | 20* | .70 | 1.04 | 93N |
| 939-24 | 939B-24 | 1-1/2 | 38 | 2.05 | 52 | 750 | 5.2 | 7.50 | 191 | 12* | .80 | 1.18 | 93N |
| 939-32 | 939B-32 | 2 | 51 | 2.56 | 65 | 250 | 1.7 | 10.00 | 254 | 5* | 1.01 | 1.50 | 93N |

Construction

Tube: 939 - Natural FDA Compliant PTFE
 939B - Black Static-Dissipative PTFE
 Reinforcement: 304 Stainless Steel braid

Operating Parameters

Temperature Range:
 -100°F to +450°F (-73°C to +232°C)
 Change in length at Max. Working Pressure: +2% to -4%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

93N Series – pg. E-87
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Notes

Use hose type 939B with static-dissipative core tube when conveying non-conducting fluids such as oils, paints, fuels, steam, etc.
 Not suggested for steam-cold water cycling applications
 * 28 in/Hg can be obtained by using 2799 internal spring guard. See pg. F-20

For detailed ordering information, please consult price list or contact Parflex® Division.



Hose
 A
 Tubing
 B
 Coiled Air Hose & Fittings
 C
 Transportation
 D
 Fittings
 E
 Tooling, Equipment & Accessories
 F
 General Technical
 G

943B – 3,000 psi W.P. High Temp Hose



Features

- High temperature hydraulic hose
- Excellent chemical compatibility
- Resists moisture
- Low friction minimizes pressure drops and deposits

Certifications

- Meets/Exceeds SAE 100R7 and SAE 100R17

Applications/Markets



- High temp hydraulic applications
- Chemical Transfer
- Compressed Air/Gases
- Paint Stripping

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. |
| # | | | | | | | | | | | |
| 943B-6 | 5/16 | 8 | .49 | 12 | 3,000 | 20.7 | 2.50 | 64 | 28 | .18 | .26 |
| 943B-8 | 13/32 | 10 | .62 | 16 | 3,000 | 20.7 | 2.88 | 73 | 28 | .24 | .35 |
| 943B-10 | 1/2 | 13 | .73 | 19 | 3,000 | 20.7 | 3.25 | 83 | 28 | .32 | .46 |
| 943B-12 | 5/8 | 16 | .99 | 25 | 3,000 | 20.7 | 4.00 | 102 | 28 | .70 | 1.01 |
| 943B-16 | 29/32 | 23 | 1.25 | 32 | 3,000 | 20.7 | 5.00 | 127 | 28 | 1.02 | 1.53 |

Construction

Tube: Black static-dissipative PTFE
Reinforcement: 304 Stainless Steel braid

Fittings

94 Series – pg. E-90

Operating Parameters

Temperature Range:
-65°F to +400°F (-54°C to +204°C)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Notes

Factory-made assemblies only
Not suggested for steam-cold water cycling applications

944B – 4,000-4,500 psi W.P. High Temp Hose



Features

- High temperature hydraulic hose
- Excellent chemical compatibility
- Resists moisture
- Low friction minimizes pressure drops and deposits

Applications/Markets



- General Hydraulics
- Chemical Transfer
- Compressed Air/Gases

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|----------|----------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | lbs./ft. | kg./mtr. |
| # | | | | | | | | | | | |
| 944B-4 | 15/64 | 6 | .39 | 10 | 4,500 | 31.0 | 1.50 | 38 | 28 | .11 | .16 |
| 944B-6 | 5/16 | 8 | .49 | 12 | 4,500 | 31.0 | 2.50 | 64 | 28 | .17 | .24 |
| 944B-8 | 7/16 | 11 | .62 | 16 | 4,500 | 31.0 | 2.88 | 73 | 28 | .25 | .35 |
| 944B-10 | 1/2 | 13 | .73 | 19 | 4,000 | 27.6 | 3.25 | 83 | 28 | .31 | .45 |
| 944B-12 | 5/8 | 16 | .99 | 25 | 4,000 | 27.6 | 4.00 | 102 | 28 | .74 | 1.05 |
| 944B-16 | 29/32 | 23 | 1.25 | 32 | 4,000 | 27.6 | 5.00 | 127 | 28 | 1.09 | 1.55 |

Construction

Tube: Black static-dissipative PTFE
 Reinforcement: 304 Stainless Steel braid

Operating Parameters

Temperature Range:
 -65°F to +400°F (-54°C to +204°C)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 3x Max. Working Pressure at 73°F (23°C)

Fittings

94 Series – pg. E-90

Notes

Factory-made assemblies only
 Not suggested for steam-cold water cycling applications
 Reduce pressure to 3,000 psi (20.7MPa) for pressure impulse applications

950B – 4,000 psi W.P. High Temp Hose



Features

- High temperature hydraulic hose
- Excellent chemical compatibility
- Resists moisture
- Low friction minimizes pressure drops and deposits

Applications/Markets



- High temp hydraulic applications
- Chemical Transfer
- Compressed Air/Gases
- Ground Support

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|--------|----------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | inch | lbs./ft. |
| # | | | | | | | | | | | |
| 950B-4 | 15/64 | 6 | .50 | 13 | 4,000 | 27.6 | 3.00 | 76 | 28 | .20 | .27 |
| 950B-6 | 5/16 | 8 | .62 | 16 | 4,000 | 27.6 | 5.00 | 127 | 28 | .24 | .36 |
| 950B-8 | 7/16 | 11 | .75 | 19 | 4,000 | 27.6 | 5.75 | 146 | 28 | .45 | .68 |
| 950B-12 | 5/8 | 16 | 1.08 | 27 | 4,000 | 27.6 | 7.75 | 197 | 28 | .96 | 1.43 |
| 950B-16 | 29/32 | 23 | 1.36 | 34 | 4,000 | 27.6 | 9.63 | 245 | 28 | 1.30 | 1.93 |

Construction

Tube: Black static-dissipative PTFE

Reinforcement: Multiple high density braids of 304 Stainless Steel

Fittings

95 Series – pg. E-90

Notes

Factory-made assemblies only

Operating Parameters

Temperature Range:

-65°F to +400°F (-54°C to +204°C)

Change in length at Max. Working Pressure: ±2%

Min. Burst Pressure is 3x Max. Working Pressure at 73°F (23°C)

955B – 5,500 psi W.P. High Temp Hose



Features

- High temperature hydraulic hose
- Excellent chemical compatibility
- Resists moisture
- Low friction minimizes pressure drops and deposits

Applications/Markets



- General Hydraulics
- Chemical Transfer
- Compressed Air/Gases
- Ground Support

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|--------|----------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | inch | lbs./ft. |
| # | | | | | | | | | | | |
| 955B-4 | 15/64 | 6 | .50 | 13 | 5,500 | 37.9 | 3.00 | 76 | 28 | .23 | .34 |
| 955B-6 | 5/16 | 8 | .62 | 16 | 5,500 | 37.9 | 5.00 | 127 | 28 | .24 | .35 |
| 955B-8 | 7/16 | 11 | .75 | 19 | 5,500 | 37.9 | 5.75 | 146 | 28 | .46 | .68 |
| 955B-10 | 1/2 | 13 | .91 | 23 | 5,500 | 37.9 | 6.50 | 165 | 28 | .91 | 1.34 |
| 955B-12 | 5/8 | 16 | 1.08 | 27 | 5,500 | 37.9 | 7.75 | 197 | 28 | .92 | 1.36 |
| 955B-16 | 29/32 | 23 | 1.36 | 34 | 5,500 | 37.9 | 9.63 | 245 | 28 | 1.20 | 1.77 |

Construction

Tube: Black static-dissipative PTFE
 Reinforcement: Multiple high density braids of 304 Stainless Steel

Operating Parameters

Temperature Range:
 -65°F to +400°F (-54°C to +204°C)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 16,000 psi at 73°F (23°C)

Fittings

95 Series – pg. E-90

Notes

Factory-made assemblies only
 Not suggested for steam-cold water cycling applications
 Reduce operating pressure to 4000 psi (27.6 MPa) for impulse service applications

For detailed ordering information, please consult price list or contact Parflex® Division.



S30/S30B - Industrial .030" wall PTFE Hose, Stainless Steel Braid



Features

- High temperature hose
- Excellent chemical compatibility
- Resists moisture
- Low friction minimizes pressure drops and deposits

Compliances

- FDA 21 CFR 177.1550 (Natural tube)
- SAE J517 (100R14)

Applications/Markets



- Fluid Handling
- Chemical Transfer
- Paint
- Pharmaceutical
- Food & Beverage
- Cosmetics

| Part Number | | Nominal I.D. | | Nominal O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series | Field Attachable Series |
|-------------|------------|--------------|----|--------------|----|--------------------------|-----|---------------------|-----|----------------------|----------|----------|--------------------------|-------------------------|
| # | # | | | | | | | | | | | | | |
| Natural | Conductive | inch | mm | inch | mm | psi | bar | inch | mm | inch | lbs./ft. | kg./mtr. | | |
| 03-S30 | 03-S30B | 1/8 | 3 | .250 | 6 | 3,000 | 207 | 1-1/2 | 38 | 28 | .05 | .08 | 91 | - |
| 04-S30 | 04-S30B | 3/16 | 5 | .305 | 8 | 3,000 | 207 | 2 | 51 | 28 | .06 | .09 | 91N | 90 |
| 05-S30 | 05-S30B | 1/4 | 6 | .375 | 10 | 3,000 | 207 | 3 | 76 | 28 | .11 | .16 | 91N | 90 |
| 06-S30 | 06-S30B | 5/16 | 8 | .430 | 11 | 2,500 | 172 | 4 | 102 | 28 | .13 | .20 | 91N | 90 |
| 08-S30 | 08-S30B | 13/32 | 10 | .535 | 14 | 2,000 | 138 | 5 | 127 | 28 | .15 | .22 | 91N | 90 |
| 10-S30 | 10-S30B | 1/2 | 13 | .636 | 16 | 1,750 | 121 | 6-1/2 | 165 | 28 | .19 | .28 | 91N | 90 |
| 12-S30 | 12-S30B | 5/8 | 16 | .765 | 19 | 1,500 | 103 | 7-1/2 | 191 | 12 | .24 | .36 | 91N | 90 |
| 16-S30 | 16-S30B | 7/8 | 22 | 1.030 | 26 | 1,000 | 69 | 9 | 229 | 14 | .31 | .47 | 91N | 90 |

Construction

Tube: S30 - Natural FDA Compliant PTFE
S30B - Black Static-Dissipative PTFE
Reinforcement: 304 Stainless Steel braid

Operating Parameters

Temperature Range:
-100°F to +450°F (-73°C to +232°C)
Change in length at Max. Working Pressure: +2% to -4%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
All ratings based on 72°F/23°C

Fittings

90 Series - pg. E-65
91/91N Series - pg. E-72
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Notes

See pg. A-20 for part numbering system

S40/S40B - Industrial .040 wall Heavy Wall PTFE Hose, Stainless Steel Braid



Features

- 33% more PTFE
- High temperature hose
- Excellent chemical compatibility
- Improved bend radius
- Decreased gas permeation
- Low friction minimizes pressure drops and deposits

Compliances

- FDA 21 CFR 177.1550 (Natural tube)
- SAE J517 (100R14)

Applications/Markets



- Fluid Handling
- Chemical Transfer
- Paint
- Pharmaceutical
- Food & Beverage
- Cosmetics

| Part Number | | Nominal I.D. | | Nominal O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|------------|--------------|----|--------------|----|--------------------------|-----|---------------------|-----|----------------------|----------|----------|--------------------------|
| # | # | ⊙ | | ⊙ | | ↗ | | ↘ | | U | lbs | kg | ⊗ |
| Natural | Conductive | inch | mm | inch | mm | psi | bar | inch | mm | inch | lbs./ft. | kg./mtr. | |
| 04-S40 | 04-S40B | 3/16 | 5 | .320 | 8 | 3,000 | 207 | 2 | 51 | 28 | .08 | .13 | 91N |
| 05-S40 | 05-S40B | 1/4 | 6 | .375 | 10 | 3,000 | 207 | 3 | 76 | 28 | .11 | .16 | 91N |
| 06-S40 | 06-S40B | 5/16 | 8 | .435 | 11 | 2,500 | 172 | 4 | 102 | 28 | .12 | .18 | 91N |
| 08-S40 | 08-S40B | 13/32 | 10 | .565 | 14 | 2,000 | 138 | 5 | 127 | 28 | .16 | .23 | 91N |
| 10-S40 | 10-S40B | 1/2 | 13 | .656 | 17 | 1,750 | 121 | 6-1/2 | 165 | 28 | .17 | .25 | 91N |
| 12-S40 | 12-S40B | 5/8 | 16 | .780 | 20 | 1,500 | 103 | 7-1/2 | 191 | 12 | .19 | .28 | 91N |
| 16-S40 | 16-S40B | 7/8 | 22 | 1.05 | 27 | 1,000 | 69 | 9 | 229 | 14 | .49 | .73 | 91N |

Construction

Tube: S40 - Natural FDA Compliant PTFE
S40B - Black Static-Dissipative PTFE
Reinforcement: 304 Stainless Steel braid

Operating Parameters

Temperature Range:
-100°F to +450°F (-73°C to +232°C)
Change in length at Max. Working Pressure: +2% to -4%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
All ratings based on 72°F/23°C

Fittings

91N Series - pg. E-72
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Notes

See pg. A-20 for part numbering system

For detailed ordering information, please consult price list or contact Parflex® Division.



Hose
A
 Tubing
B
 Coiled Air Hose & Fittings
C
 Transportation
D
 Fittings
E
 Tooling, Equipment & Accessories
F
 General Technical
G

STW/STB - "TRUE BORE"

Smoothbore PTFE Hose, Stainless Steel Braid



Features

- High temperature hose
- Excellent chemical compatibility
- Resists moisture
- Low friction minimizes pressure drops and deposits

Compliances

- FDA 21 CFR 177.1550
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

Applications/Markets



- Fluid Handling
- Chemical Transfer
- Paint
- Pharmaceutical
- Food & Beverage
- Cosmetics

| Part Number | | Nominal I.D. | | Nominal O.D. | | Maximum Working Pressure 73°F/ 23°C | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|------------|--------------|----|--------------|----|--|-----|---------------------|-----|-------------------------|----------|----------|--------------------------|
| # | # | | | | | | | | | | | | |
| Natural | Conductive | inch | mm | inch | mm | psi | bar | inch | mm | inch | lbs./ft. | kg./mtr. | |
| 04-STW | 04-STB | 1/4 | 6 | .37 | 9 | 3,000 | 207 | 3 | 76 | 28 | .08 | .13 | PAGE |
| 06-STW | 06-STB | 3/8 | 10 | .51 | 13 | 2,000 | 138 | 5 | 127 | 28 | .11 | .16 | PAGE |
| 08-STW | 08-STB | 1/2 | 13 | .63 | 16 | 1,750 | 121 | 6-1/2 | 165 | 28 | .16 | .24 | PAGE |
| 12-STW | 12-STB | 3/4 | 19 | .88 | 22 | 1,000 | 69 | 8.5 | 216 | 28 | .20 | .30 | PAGE |
| 16-STW | 16-STB | 1 | 25 | 1.13 | 29 | 1,000 | 69 | 12 | 305 | 20 | .33 | .49 | PAGE |
| 16Z-STW | 16Z-STB | 1 | 25 | 1.22 | 31 | 1,000 | 69 | 12 | 305 | 20 | .56 | .83 | PAGE |
| 20Z-STW | 20Z-STB | 1-1/4 | 32 | 1.52 | 38 | 1,000 | 69 | 14 | 356 | 18 | .68 | 1.02 | PAGE |
| 24Z-STW | 24Z-STB | 1-1/2 | 38 | 1.73 | 44 | 900 | 62 | 15 | 381 | 15 | .79 | 1.18 | PAGE |

Construction

Tube: STW - Natural FDA Compliant PTFE
 STB - Black Static-Dissipative PTFE
 Reinforcement: 304 Stainless Steel braid

Operating Parameters

Temperature Range:
 -100°F to +450°F (-73°C to +232°C)
 Change in length at Max. Working Pressure: +2% to -4%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
 All ratings based on 72°F/23°C

Fittings

PAGE Fittings – pg. E-91
 Uses crimp collar ST300, see pg. E-92
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Notes

“Z” indicates double braid
 See pg. A-21 for part numbering system
 Cannot be used with 90 or 91N series fittings



SBFW/SBFB - PAGE-flex® SBF

Extra Flexible Fluoropolymer Hose



Features

- Half the minimum bend radius of conventional smoothbore products
- Kink and vacuum resistant
- Easily cleaned
- PPIH full line of optional reinforcement types
- Cooler outside temperatures reduces operator burns
- Reduces environment temperatures in confined areas
- Available with white Silicone cover

Compliances

- FDA 21 CFR 177.1550
- **USP Class VI Certified**
- ISO 10993 Sections 5, 6, 10, 11

Applications/Markets



- Fluid Handling
- Chemical Transfer
- Paint
- Pharmaceutical
- Food & Beverage
- Cosmetics



| Part Number | | Nominal I.D. | | Nominal O.D. | | Maximum Working Pressure 73°F/ 23°C | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | |
|-------------|------------|--------------|----|--------------|----|--|-----|---------------------|-----|-------------------------|----------|----------|
| # | # | | | | | | | | | | | |
| Natural | Conductive | inch | mm | inch | mm | psi | bar | inch | mm | inch | lbs./ft. | kg./mtr. |
| 06-SBFW | 06-SBFB | 3/8 | 10 | .63 | 16 | 300 | 21 | 2 | 51 | 28 | .16 | .24 |
| 08-SBFW | 08-SBFB | 1/2 | 13 | .76 | 19 | 300 | 21 | 2-1/2 | 64 | 28 | .23 | .34 |
| 12-SBFW | 12-SBFB | 3/4 | 19 | 1.04 | 26 | 250 | 17 | 3 | 76 | 28 | .37 | .55 |
| 16-SBFW | 16-SBFB | 1 | 25 | 1.29 | 33 | 250 | 17 | 4 | 102 | 28 | .54 | .80 |
| 24-SBFW | 24-SBFB | 1-1/2 | 38 | 1.85 | 47 | 200 | 14 | 7 | 178 | 28 | .83 | 1.23 |

Construction

Tube: SBFW - Natural PFA tube

SBFB - Black Static-dissipative PFA tube

Reinforcement: bonded wire braid - silicone - textile braided composite with 316 Stainless Steel braid

Operating Parameters

Temperature Range:

-65°F to +325°F (-54°C to +163°C)

Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

All ratings based on 72°F/23°C

Fittings

PAGE Fittings - pg. E-91

Complete line of standard PPIH crimp fittings

Notes

Factory-made assemblies only

SBFB - Special order only

Available with white silicone cover

See pg. A-21 for part numbering system

For detailed ordering information, please consult price list or contact Parflex® Division.



A Hose
 B Tubing
 C Coiled Air Hose & Fittings
 D Transportation
 E Fittings
 F Tooling, Equipment & Accessories
 G General Technical

SCW/SCB - Convoluted PTFE Hose

316 Stainless Steel Braid



Features

- High temperature hose
- Excellent corrosion resistance
- Seamless
- Open pitch
- Self draining
- Withstands extreme flexing
- Environmentally safe; low effusion
- Long life expectancy

Compliances

- FDA 21 CFR 177.1550
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

Applications/Markets



- Fluid Handling
- Chemical Transfer
- Paint
- Semiconductor

| Part Number | | Nominal I.D. | | Nominal O.D. | | Maximum Working Pressure 73°F/ 23°C | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|------------|--------------|----|--------------|----|--|-----|---------------------|-----|-------------------------|----------|----------|--------------------------|
| # | # | | | | | | | | | | | | |
| Natural | Conductive | inch | mm | inch | mm | psi | bar | inch | mm | inch | lbs./ft. | kg./mtr. | |
| 04-SCW | 04-SCB | 1/4 | 6 | .46 | 12 | 1,500 | 104 | 3/4 | 19 | 28 | .08 | .11 | PAGE |
| 06-SCW | 06-SCB | 3/8 | 10 | .54 | 14 | 1,500 | 104 | 1 | 25 | 28 | .14 | .21 | PAGE |
| 08-SCW | 08-SCB | 1/2 | 13 | .72 | 18 | 1,500 | 104 | 1-1/2 | 38 | 28 | .16 | .23 | PAGE |
| 12-SCW | 12-SCB | 3/4 | 19 | 1.02 | 26 | 1,200 | 83 | 2 | 51 | 28 | .27 | .40 | PAGE |
| 16-SCW | 16-SCB | 1 | 25 | 1.31 | 33 | 1,000 | 69 | 2-1/2 | 64 | 28 | .37 | .55 | PAGE |
| 20-SCW | 20-SCB | 1-1/4 | 32 | 1.73 | 44 | 750 | 52 | 3 | 76 | 28 | .46 | .68 | PAGE |
| 24-SCW | 24-SCB | 1-1/2 | 38 | 1.93 | 49 | 650 | 45 | 3-3/4 | 95 | 28 | .55 | .81 | PAGE |
| 32-SCW | 32-SCB | 2 | 51 | 2.42 | 62 | 450 | 31 | 4-3/4 | 121 | 28 | .90 | 1.4 | PAGE |

Construction

Tube: SCW - Natural FDA Compliant PTFE

SCB - Black Static-Dissipative PTFE

Reinforcement: 316 Stainless Steel braid

Operating Parameters

Temperature Range:

-100°F to +500°F (-73°C to +260°C)

Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

All ratings based on 72°F/23°C

Fittings

PAGE Fittings - pg. E-91

Uses crimp collar SC300, see pg. E-92

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource

Access instructions are on pg. G-13

Notes

Not suggested for steam-cold water cycling applications

See pg. A-21 for part numbering system

Cannot be used with 90 or 91N series fittings



PCW/PCB - Convoluted PTFE Hose

Polypropylene Braid



Features

- Personal handling safety
- Excellent corrosion resistance
- Seamless
- Open pitch
- Self draining
- Withstands extreme flexing
- Environmentally safe; low effusion
- Long life expectancy

Compliances

- FDA 21 CFR 177.1550
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

Applications/Markets



- Fluid Handling
- Chemical Transfer
- Paint
- Pharmaceutical
- Food & Beverage

| Part Number | | Nominal I.D. | | Nominal O.D. | | Maximum Working Pressure 73°F/ 23°C | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|------------|--------------|----|--------------|----|--|-----|---------------------|-----|-------------------------|----------|----------|--------------------------|
| # | # | | | | | | | | | | | | |
| Natural | Conductive | inch | mm | inch | mm | psi | bar | inch | mm | inch | lbs./ft. | kg./mtr. | |
| 04-PCW | 04-PCB | 1/4 | 6 | .55 | 14 | 350 | 59 | 3/4 | 19 | 28 | .03 | .05 | PAGE |
| 06-PCW | 06-PCB | 3/8 | 10 | .64 | 16 | 350 | 59 | 1 | 25 | 28 | .06 | .09 | PAGE |
| 08-PCW | 08-PCB | 1/2 | 13 | .84 | 21 | 300 | 21 | 1-1/2 | 38 | 28 | .15 | .22 | PAGE |
| 12-PCW | 12-PCB | 3/4 | 19 | 1.15 | 29 | 250 | 17 | 2 | 51 | 28 | .18 | .27 | PAGE |
| 16-PCW | 16-PCB | 1 | 25 | 1.50 | 38 | 250 | 17 | 2-1/2 | 64 | 28 | .26 | .39 | PAGE |
| 20-PCW | 20-PCB | 1-1/4 | 32 | 1.92 | 49 | 200 | 14 | 3 | 76 | 28 | .37 | .55 | PAGE |
| 24-PCW | 24-PCB | 1-1/2 | 38 | 2.12 | 54 | 200 | 14 | 3-3/4 | 95 | 28 | .42 | .63 | PAGE |
| 32-PCW | 32-PCB | 2 | 51 | 2.65 | 67 | 200 | 14 | 4-3/4 | 121 | 28 | .56 | .83 | PAGE |

Construction

Tube: PCW - Natural FDA Compliant PTFE

PCB - Black Static-Dissipative PTFE

Reinforcement: Polypropylene

Operating Parameters

Temperature Range:

0°F to +212°F (-18°C to +100°C)

Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

All ratings based on 72°F/23°C

Fittings

PAGE Fittings - pg. E-91

Uses crimp collar PC300, see pg. E-92

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource

Access instructions are on pg. G-13

Notes

Not suggested for steam-cold water cycling applications

See pg. A-21 for part numbering system

Cannot be used with 90 or 91N series fittings

For detailed ordering information, please consult price list or contact Parflex® Division.



SCWV/SCBV

Stainless Steel Braid, Heavy Wall Convoluted PTFE Hose



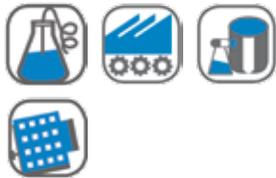
Features

- High temperature hose
- Open pitch
- Thicker wall
- Handles vacuum applications at elevated temperatures
- Excellent chemical compatibility
- Easy Cleaning
- Non Adhesive

Compliances

- FDA 21 CFR 177.1550
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

Applications/Markets



- Fluid Handling
- Chemical Transfer
- Paint
- Semiconductor

| Part Number | | Nominal I.D. | | Nominal O.D. | | Maximum Working Pressure 73°F/ 23°C | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | |
|-------------|------------|--------------|-----|--------------|-----|--|-----|---------------------|-----|-------------------------|----------|----------|
| # | # | | | | | | | | | | | |
| Natural | Conductive | inch | mm | inch | mm | psi | bar | inch | mm | inch | lbs./ft. | kg./mtr. |
| 08-SCWV | 08-SCBV | 1/2 | 13 | .75 | 19 | 1,500 | 104 | 2 | 51 | 28 | .17 | .26 |
| 12-SCWV | 12-SCBV | 3/4 | 19 | 1.04 | 26 | 1,200 | 83 | 2-3/4 | 70 | 28 | .33 | .49 |
| 16-SCWV | 16-SCBV | 1 | 25 | 1.25 | 32 | 1,000 | 69 | 4 | 102 | 28 | .37 | .55 |
| 20-SCWV | 20-SCBV | 1-1/4 | 32 | 1.66 | 42 | 750 | 52 | 5-1/2 | 140 | 28 | .56 | .83 |
| 24-SCWV | 24-SCBV | 1-1/2 | 38 | 1.92 | 49 | 650 | 45 | 7 | 178 | 28 | .64 | .95 |
| 32-SCWV | 32-SCBV | 2 | 51 | 2.49 | 63 | 450 | 31 | 8-1/2 | 216 | 28 | .84 | 1.24 |
| 40-SCWV | 40-SCBV | 2-1/2 | 64 | 3.25 | 83 | 200 | 14 | 12 | 305 | 28 | 1.52 | 2.26 |
| 48-SCWV | 48-SCBV | 3 | 76 | 3.80 | 97 | 175 | 12 | 14 | 356 | 28 | 1.82 | 2.71 |
| 64-SCWV | 64-SCBV | 4 | 102 | 4.76 | 121 | 150 | 10 | 16 | 406 | 28 | 2.10 | 3.13 |

Construction

Tube: SCWV - Heavy Wall Natural FDA Compliant PTFE

SCBV - Heavy Wall Black Static-dissipative PTFE

Reinforcement: 316 Stainless Steel braid

Operating Parameters

Temperature Range:

-100°F to +500°F (-73°C to +260°C)

Min. Burst Pressure is 4x Max. Working Pressure at 73°F(23°C)

All ratings based on 72°F/23°C

Fittings

PAGE Fittings – pg. E-91

Notes

Factory-made assemblies only

Not suggested for steam-cold water cycling applications

See pg. A-21 for part numbering system

Cannot be used with 90 or 91N series fittings

Vacuum wire recommended for 2-1/2, 3 and 4 inch

PCWV/PCBV

Polypropylene Braid, Heavy Wall Convoluted PTFE Hose



Features

- Personal handling safety
- Open pitch
- Thicker wall
- Handles vacuum applications at elevated temperatures
- Excellent chemical compatibility
- Easy Cleaning
- Non Adhesive

Compliances

- FDA 21 CFR 177.1550
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

Applications/Markets



- Fluid Handling
- Chemical Transfer
- Paint
- Pharmaceutical
- Food & Beverage

| Part Number | | Nominal I.D. | | Nominal O.D. | | Maximum Working Pressure 73°F/ 23°C | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | |
|-------------|------------|--------------|-----|--------------|-----|--|-----|---------------------|-----|-------------------------|----------|----------|
| # | # | | | | | | | | | | | |
| Natural | Conductive | inch | mm | inch | mm | psi | bar | inch | mm | inch | lbs./ft. | kg./mtr. |
| 08-PCWV | 08-PCBV | 1/2 | 13 | .81 | 21 | 300 | 21 | 3 | 76 | 28 | .14 | .20 |
| 12-PCWV | 12-PCBV | 3/4 | 19 | 1.30 | 33 | 250 | 17 | 3-1/2 | 89 | 28 | .22 | .32 |
| 16-PCWV | 16-PCBV | 1 | 25 | 1.44 | 36 | 250 | 17 | 4-1/2 | 114 | 28 | .32 | .47 |
| 20-PCWV | 20-PCBV | 1-1/4 | 32 | 1.86 | 47 | 200 | 14 | 5 | 127 | 28 | .40 | .59 |
| 24-PCWV | 24-PCBV | 1-1/2 | 38 | 2.10 | 53 | 200 | 14 | 6 | 152 | 28 | .49 | .73 |
| 32-PCWV | 32-PCBV | 2 | 51 | 2.66 | 68 | 200 | 14 | 8-1/2 | 216 | 28 | .66 | .99 |
| 40-PCWV | 40-PCBV | 2-1/2 | 64 | 3.57 | 91 | 150 | 10 | 12 | 305 | 28 | 1.21 | 1.80 |
| 48-PCWV | 48-PCBV | 3 | 76 | 3.92 | 100 | 125 | 9 | 14 | 356 | 28 | 1.45 | 2.16 |
| 64-PCWV | 64-PCBV | 4 | 102 | 4.92 | 125 | 100 | 7 | 16 | 406 | 28 | 1.68 | 2.50 |

Construction

Tube: PCWV - Heavy Wall Natural FDA Compliant PTFE

PCBV - Heavy Wall Black Static-dissipative PTFE

Reinforcement: Polypropylene

Operating Parameters

Temperature Range:

0°F to +212°F (-18°C to +100°C)

Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

All ratings based on 72°F/23°C

Fittings

PAGE Fittings - pg. E-91

Notes

Factory-made assemblies only

Not suggested for steam-cold water cycling applications

See pg. A-21 for part numbering system

Cannot be used with 90 or 91N series fittings

Vacuum wire recommended for 2-1/2, 3 and 4 inch

A
Hose

SCWV-FS/SCBV-FS - Flare-Seal® Stainless Steel Braid



Features

- Flare Seal fitting - Continuous PTFE through fitting; no area for bacterial entrapment
- Increased flow
- Thicker wall
- Excellent chemical compatibility
- Easy Cleaning
- Non Adhesive

Compliances

- FDA 21 CFR 177.1550
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

Applications/Markets



- Fluid Handling
- Chemical Transfer
- Paint
- Pharmaceutical
- Food & Beverage

B
Tubing

C
Coiled Air Hose
& Fittings

D
Transportation

E
Fittings

F
Tooling, Equipment
& Accessories

G
General Technical

| Part Number | | Nominal I.D. | | Nominal O.D. | | Maximum Working Pressure 73°F/ 23°C | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | |
|-------------|------------|--------------|-----|--------------|-----|--|-----|---------------------|-----|-------------------------|----------|----------|
| # | # | | | | | | | | | | | |
| Natural | Conductive | inch | mm | inch | mm | psi | bar | inch | mm | inch | lbs./ft. | kg./mtr. |
| 08-SCWV-FS | 08-SCBV-FS | 1/2 | 13 | .75 | 19 | 500 | 35 | 2 | 51 | 28 | .17 | .26 |
| 12-SCWV-FS | 12-SCBV-FS | 3/4 | 19 | 1.04 | 26 | 425 | 29 | 2-3/4 | 70 | 28 | .33 | .49 |
| 16-SCWV-FS | 16-SCBV-FS | 1 | 25 | 1.25 | 32 | 350 | 24 | 4 | 102 | 28 | .37 | .55 |
| 20-SCWV-FS | 20-SCBV-FS | 1-1/4 | 32 | 1.66 | 42 | 325 | 22 | 5-1/2 | 140 | 28 | .56 | .83 |
| 24-SCWV-FS | 24-SCBV-FS | 1-1/2 | 38 | 1.92 | 49 | 300 | 21 | 7 | 178 | 28 | .64 | .95 |
| 32-SCWV-FS | 32-SCBV-FS | 2 | 51 | 2.49 | 63 | 250 | 17 | 8-1/2 | 216 | 28 | .84 | 1.24 |
| 40-SCWV-FS | 40-SCBV-FS | 2-1/2 | 64 | 3.25 | 83 | 200 | 14 | 12 | 305 | 28 | 1.52 | 2.26 |
| 48-SCWV-FS | 48-SCBV-FS | 3 | 76 | 3.80 | 97 | 175 | 12 | 14 | 356 | 28 | 1.82 | 2.71 |
| 64-SCWV-FS | 64-SCBV-FS | 4 | 102 | 4.76 | 121 | 150 | 10 | 16 | 406 | 28 | 2.10 | 3.13 |

Construction

Tube: SCWV -FS- Heavy Wall Natural FDA Compliant PTFE
 SCBV-FS - Heavy Wall Black Static-dissipative PTFE
 Reinforcement: 316 Stainless Steel braid

Operating Parameters

Temperature Range:
 -100°F to +500°F (-73°C to +260°C)
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
 All ratings based on 73°F/23°C

Fittings

PAGE Fittings – pg. E-91

Notes

Factory-made assemblies only
 Not suggested for steam-cold water cycling applications
 All dimensions nominal
 See pg. A-21 for part numbering system
 Cannot be used with 90 or 91N series fittings

PCWV-FS/PCBV-FS - Flare-Seal® Polypropylene Braid



Features

- Flare Seal fitting - Continuous PTFE through fitting; no area for bacterial entrapment
- Increased flow
- Personal handling safety
- Good chemical compatibility
- Easy Cleaning
- Non Adhesive

Compliances

- FDA 21 CFR 177.1550
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

Applications/Markets



- Fluid Handling
- Chemical Transfer
- Paint
- Pharmaceutical
- Food & Beverage

| Part Number | | Nominal I.D. | | Nominal O.D. | | Maximum Working Pressure 73°F/ 23°C | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | |
|-------------|------------|--------------|-----|--------------|-----|--|-----|---------------------|-----|-------------------------|----------|----------|
| # | # | | | | | | | | | | | |
| Natural | Conductive | inch | mm | inch | mm | psi | bar | inch | mm | inch | lbs./ft. | kg./mtr. |
| 08-PCWV-FS | 08-PCBV-FS | 1/2 | 13 | .810 | 21 | 300 | 21 | 3 | 76 | 28 | .14 | .20 |
| 12-PCWV-FS | 12-PCBV-FS | 3/4 | 19 | 1.10 | 28 | 250 | 17 | 3-1/2 | 89 | 28 | .22 | .32 |
| 16-PCWV-FS | 16-PCBV-FS | 1 | 25 | 1.44 | 36 | 250 | 17 | 4-1/2 | 114 | 28 | .31 | .47 |
| 20-PCWV-FS | 20-PCBV-FS | 1-1/4 | 32 | 1.86 | 47 | 200 | 14 | 5 | 127 | 28 | .40 | .59 |
| 24-PCWV-FS | 24-PCBV-FS | 1-1/2 | 38 | 2.10 | 53 | 200 | 14 | 6 | 152 | 28 | .49 | .73 |
| 32-PCWV-FS | 32-PCBV-FS | 2 | 51 | 2.66 | 68 | 200 | 14 | 8-1/2 | 216 | 28 | .66 | .99 |
| 40-PCWV-FS | 40-PCBV-FS | 2-1/2 | 64 | 3.42 | 87 | 150 | 10 | 12 | 305 | 28 | 1.21 | 1.80 |
| 48-PCWV-FS | 48-PCBV-FS | 3 | 76 | 3.92 | 100 | 125 | 9 | 14 | 356 | 28 | 1.45 | 2.16 |
| 64-PCWV-FS | 64-PCBV-FS | 4 | 102 | 4.92 | 125 | 100 | 7 | 16 | 406 | 28 | 1.68 | 2.50 |

Construction

Tube: PCWV-FS - Heavy Wall Natural FDA Compliant PTFE

PCBV-FS- Heavy Wall Black Static-dissipative PTFE

Reinforcement: Polypropylene

Operating Parameters

Temperature Range:

0°F to +212°F (-18°C to +100°C)

Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

All ratings based on 73°F/23°C

Fittings

PAGE Fittings - pg. E-91

Notes

Factory-made assemblies only

Not suggested for steam-cold water cycling applications

See pg. A-21 for part numbering system

Cannot be used with 90 or 91N series fittings

For detailed ordering information, please consult price list or contact Parflex® Division.

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd



A Hose
 B Tubing
 C Coiled Air Hose & Fittings
 D Transportation
 E Fittings
 F Tooling, Equipment & Accessories
 G General Technical

RCTW/RCTB EPDM Rubber Covered Fluoropolymer Hose



Features

- Personal handling safety
- Handles full vacuum
- Good chemical compatibility
- Easy Cleaning
- Non Adhesive

Compliances

- FDA 21 CFR 177.1550 (FEP core)
- **USP Class VI Certified**
- ISO 10993 Sections 5, 6, 10, 11

Applications/Markets



- Food & Beverage
- Pharmaceutical
- Fluid Handling
- Chemical
- Ground Support
- Industrial
- Paint
- Semiconductor

| Part Number | | Nominal I.D. | | Nominal O.D. | | Maximum Working Pressure 73°F/ 23°C | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | | Permanent Fitting Series |
|-------------|------------|--------------|-----|--------------|-----|--|-----|---------------------|-----|-------------------------|----------|----------|--------------------------|
| # | # | | | | | | | | | | | | |
| Natural | Conductive | inch | mm | inch | mm | psi | bar | inch | mm | inch | lbs./ft. | kg./mtr. | |
| 08-RCTW | 08-RCTB | 1/2 | 13 | .95 | 24 | 500 | 35 | 2-1/2 | 64 | 30 | .33 | .49 | PAGE |
| 12-RCTW | 12-RCTB | 3/4 | 19 | 1.25 | 32 | 500 | 35 | 3 | 76 | 30 | .51 | .76 | PAGE |
| 16-RCTW | 16-RCTB | 1 | 25 | 1.53 | 39 | 450 | 31 | 4 | 102 | 30 | .67 | 1.00 | PAGE |
| 20-RCTW | 20-RCTB | 1-1/4 | 32 | 1.74 | 44 | 375 | 26 | 7 | 178 | 30 | .72 | 1.07 | PAGE |
| 24-RCTW | 24-RCTB | 1-1/2 | 38 | 2.13 | 54 | 375 | 26 | 9 | 229 | 30 | 1.10 | 1.51 | PAGE |
| 32-RCTW | 32-RCTB | 2 | 51 | 2.68 | 68 | 300 | 21 | 10-1/2 | 267 | 30 | 1.54 | 2.30 | PAGE |
| 40-RCTW | 40-RCTB | 2-1/2 | 64 | 3.30 | 84 | 200 | 14 | 15 | 381 | 30 | 2.07 | 3.09 | PAGE |
| 48-RCTW | 48-RCTB | 3 | 76 | 3.88 | 99 | 200 | 14 | 18 | 457 | 30 | 2.99 | 4.46 | PAGE |
| 64-RCTW | 64-RCTB | 4 | 102 | 4.98 | 127 | 150 | 10 | 22-1/2 | 572 | 30 | 4.33 | 6.46 | PAGE |

Construction

Tube: RCTW - Natural FEP tube
 RCTB - Static-dissipative PFA tube
 Reinforcement: Double wire helix - multi layered rubber
 Cover: Textile reinforced EPDM

Operating Parameters

Temperature Range:
 -40°F to +300°F (-40°C to +149°C) Decrease working pressure one percent for every 2°F above 212°F.
 Operating pressures shown are for non-impulse service
 All ratings based on 73°F/23°C

Fittings

PAGE Fittings - pg. E-91
 Uses crimp collar RC300, see pg. E-92
 For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
 Access instructions are on pg. G-13

Notes

RCTB - Special order only
 See pg. A-21 for part numbering system
 Cannot be used with 90 or 91N series fittings

